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## COTtON

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## COTtON

} SITUATION

Carryover of cotton on August I, 866 , is estimated at about 16.8 milion bales ( 16.6 million upland doton). This is $2-1 / 2$ million bales bove a year ago and over 2 million ales above the previous high in 1956. Carryover increased sharply s a result of a decline in disapearance and a large 1965 crop-esulting from record-high yields. the decline in disappearance relected a drop to about 3 million fles in U.S. cotton exports, down fom about 4.1 million in 1964-65.


## OR 3 P.M. EDT RELEASE JULY 29

HTICE: There must be no premature release of this fituation Report, nor should its contents be paraphrased, eferred to or alluded to in earlier stories. There is a TOTAL EMBARGO on this Report until 3 p.m. (EDT) July 29, thich includes any and all uses or references to any material ontained herein.

PRESS SERVICE OFFICE OF INFORMATION
U.S. Dept. of Agriculture

| Item | Unit | : | 1965 |  |  | 1966 1/ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | : | April | : May | : June | : April | : May | : | June |
| Prices, received by farmers for American upland 2/ | Cents |  | 29.24 | 29.88 | 30.13 | 28.49 | 28.49 |  | 29.08 |
| Parity price for American upland 3/..................... | Cents |  | 41.66 | 42.02 | 42.02 | 42.59 | 42.59 |  | 42.59 |
| Farm price as a percentage of parity ....................... | Percent |  | 70 | 71 | 72 | 67 | 67 |  | 68 |
| Average 15 spot market price Middiling 1 inch ............ | Cents |  | 30.77 | 30.84 | 30.91 | 29.49 | 29.57 |  | 29.60 |
| Average price for 20 constructions, gray goods .......... | Cents |  | 63.89 | 64.65 | 64.85 | 65.02 | 65.14 |  | 65.16 |
| Average price cotton used in 20 constructions 4/......... | Cents |  | 27.40 | 27.35 | 27.36 | 26.31 | 26.42 |  | 26.44 |
| M111 margins for 20 constructions ........................ | Cents |  | 36.49 | 37.30 | 37.49 | 38.71 | 38.72 |  | 38.72 |
| ( |  | : |  |  |  |  |  |  |  |
| BLS wholesale price index |  |  |  |  |  |  |  |  |  |
| All commodities | 1957-59 = 100 | : | 101.7 | 102.1 | 102.8 | 105.5 | 105.6 |  | 105.7 |
| Cotton broadwoven goods | do. | : | 100.4 | 100.8 | 101.2 | 102.7 | 103.2 |  | 103.3 |
| Index of industrial production : |  |  |  |  |  |  |  |  |  |
| Overall including utilities (adjusted) .................. | 1957-59 = 100 | : | 140.9 | 141.6 | 142.7 | 153.7 | 155.5 |  | 155.8 |
| Textiles, apparel and leather products (adjusted) .....: | do. |  | 133.9 | 13, ${ }^{\text {a }}$, 0 | 134.5 | 141.6 | 141.9 |  | 143.0 |
| Personal income payments (adjusted) ....................... | Billion dollars | : | 522.5 | 528,0 | 532.2 | 570.5 | 573.0 |  | 576.4 |
| Retail store sales (apparel group, adjusted) . ........... | Million dollars |  | 1,242 | 1,299 | 1,278 | 1,395 |  |  |  |
| Mill consumption of all kinds of cotton 5/ | 1,000 bales | : | 734.7 | 742.2 | 6/897.3 | 757.8 | 768.7 |  | 6/952.7 |
| Mill consumption, daily rate (unadjusted) ................ | 1,000 bales | : | 36.7 | 37.1 | - 35.9 | 37.9 | 38.4 |  | - 38.1 |
| Mill consumption, daily rate (adjusted) ... | 1,000 bales | : | 36.5 | 35.4 | 35.2 | 37.6 | 36.7 |  | 37.4 |
| Spindles in place end of month in cotton system ......... | Thousands | : | 19,237 | 19,254 | 19,266 | 19,601 | 19,658 |  | 19,703 |
| Spindles consuming 100 percent cotton .................. | Thousands | : | 15,126 | 15,192 | 14,962 | 14,656 | 14,703 |  | 14,758 |
| Spindles idle .............................................. | Thousands |  | 561 | 408 | 574 | 392 | 364 |  | 387 |
| Gross hourly earnings in broadwoven goods 7/............. | Dollars | : | 1.83 | 1.84 | 1.84 | 1.94 | 1.93 |  | 2.00 |
| Mill stocks $\div$ unfilled orders, cotton broadwoven goods $8 /:$ | Percent | : | 20 | 19 | 20 |  |  |  |  |
| Exports of cotton ............................................. | 1,000 bales | : | 406.8 | 250.8 | 397.8 | 176.8 | 214.1 |  | 176.1 |
| Exports of cotton since August 1 ........................... | 1,000 bales | : | 3,145.5. | 3,396.3 | 3,794.0 | 2,409.5 | 2,623.6 |  | 2,799.7 |
| Imports of cotton . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . : | Bales | : | 4,056 | 3,593 | 2,150 | 5,583 | 674 |  |  |
| Imports of cotton since August 1 ......................... | Bales | : | 108,981 | 112,574 | 114,724 | 111,618 | 112,292 |  |  |
| Mill stocks end of month | 1,000 bales | : | 1,810.0 | 1,776.7 | 1,620.2 | 1,770.5 | 1,677.2 |  | 1,509.7 |
| Stocks, public storage, etc. | 1,000 bales |  | 15,142.4 | 14,155.0 | 13,108.8 | 17,417.8 | 16,575.0 |  | 15,809.9 |
| Exports, cotton textiles g/ ............................... | 1,000 bales | : | 38.9 | 30,2 | 29.4 | 32.1 | 32.6 |  |  |
| Exports, cotton textiles since August 1 g/ .............. | 1,000 bales | : | 280.5 | 310.7 | 340.1 | 282.7 | 315.3 |  |  |
| Imports, cotton textiles 9/ ............... | 1,000 bales | : | 72.8 | 57.8 | 63.9 | 85.9 | 87.6 |  |  |
| Imports, cotton textiles since August 1 9/ ............. | 1,000 bales | : | 504.1 | 561.9 | 625.8 | 639.5 | 727.1 |  |  |
| Rayon prices |  | : |  |  |  |  |  |  |  |
| Viscose yarn, 150 denier ................................... | Cents | : | 82 | 82 | 88 | 85 | 85 |  | 85 |
| Staple fiber, viscose $1 \frac{1}{2}$ denier .......................... | Cents | : | .28 | 28 | 28 | 28 | 28 |  | 28 |
| Acetate yarn, 150 denier .................................. | Cents | : | 74 | 74 | 74 | 74 | 74 |  | 74 |

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## The Cotton Situation

## Approved by the Outlook and Situation Board, July 21, 1966

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U.S. cotton exports are expected to rise sharply during the 1966-67 marketing year (beginning August 1). U.S. mill consumption is also expected to rise, but only slightly. As a result, total disappearance for the new year is projected at about 15 million bales compared with about 12-1/2 million bales during 1965-66.

Cotton exports during 1966-67 are projected at around $5-1 / 2$ million bales, up about $2-1 / 2$ million bales from the 3 million estimated for 1965-66. The estimate for 1966-67 is based on anticipated record-high consumption of cotton in foreign Free-World countries and some rebuilding of cotton stocks abroad.
U.S. mill consumption of cotton during 1966-67 is expected to rise slightly from the $9-1 / 2$ million bales estimated for 1965-66 to the highest level since 1950-51. Slightly larger consumption for 1966-67 is based on continued strong economic activity, continued large civilian and military purchases of textile products, and further gains for cotton use in the domestic market because of cotton's improved price position. The high rate of consumption in recent months supports the expectation of slightly higher consumption in 196667.

As of July 1, U.S. acreage planted for the 1966 crop was estimated at $10,567,000$ acres. This is down 25 percent from the $14,153,000$ acres planted for the 1965 crop and the smallest acreage in almost 100 years. Grower participation in the 1966-67 program sharply reduced the planted acreage. Producers signed up to remove about 4.6 million acres from production compared with about 1 million acres in 1965 under the domestic allotment program. Under the 1966 program, producers could divert up to 35 percent of their farm allotment and many producers chose this option. For all acreage diverted, the rate of payment to producers is 10.5 cents per pound on the projected yield of the acreage diverted.

In addition to diversion payments, participating producers are eligible for a loan rate of 21 cents per pound, basis Middling 1 -inch cotton at average location, and for price support payments of 9.42 cents per pound on projected production on the domestic allotment (which is 65 percent of the total farm allotment). Farms with effective cotton allotments totaling 15.1 million acres are participating in the 1966-67 program. This acreage represents about 98 percent of the 15.4 million acre effective national allotment.

The July report includes acreage planted to cotton some of which had been or may be abandoned later. The first official estimate of acreage for harvest and of cotton production will be reported in the August Cotton Report, to be released August 8.

Carryover of cotton on August 1, 1966, is estimated at about 16.8 million bales ( 16.6 million upland cotton). This is $2-1 / 2$ million bales above a year ago and over 2 million bales above the previous high in 1956. Carryover increased sharply as a result of a decline in disappearance and a large 1965 crop--resulting from recordhigh yields. The decline in disappearance reflected a drop to about 3 million bales in U.S. cotton exports, down from about 4.1 million in 1964-65. Exports were down because of increased competition from record production in foreign countries and a working down of stocks in both importing and exporting countries.
U.S. mill consumption rose to about 9-1/2 million bales ( 9.4 million upland cotton) in 1965-66, up from 9.2 million in 1964-65, and 8.6 million in 1963-64. Mill consumption has been trending upward in response to increasing civilian and military demands for cotton products and in response to reduced prices for raw cotton. Data indicate that deliveries of cotton fabric to the Military Forces in 1965 and thus far in calendar 1966 were at a rate of about 0.1 million bales, in terms of equivalent amount of raw fiber used in fabric manufacturing. This was about double the 1964 level and at about the level of the early 1960's.
U.S. spor market prices have increased slightly in recent months but have averaged about 1 cent per
pound below year-earlier levels. The basic support price for Middling 1 -inch cotton at average location was 29.00 cents per pound for the 1965 crop of upland cotton, 1 cent below the 1964 support level. For the 1966 crop, the support rate is 21.00 cents per pound. This support level does not include either direct price support payments or acreage diversion payments under the 1966-67 cotton program.

World production of man-made fibers in 1965 reached a new high of 12.2 billion pounds, up 8 percent from 1964. However, this was the smallest percentage increase in total man-made fiber production since 1961. A 14-percent increase was recorded in 1964. World man-made fiber production in 1965, in cotton equivalent pounds, amounted to 36.6 million bales, up 3 million equivalent bales from 1964. Consumption usually about equals production. In comparison, world cotton consumption during the 1965-66 crop year totaled 50.6 million bales, up 0.7 millionfrom the previous year.

In recent years, U.S. cotton has met increasing competition in world markets from record supplies of foreign-grown cotton. At the same time, increasing production and use of man-made fibers have adversely , affected world consumption of cotton. This has meant that cotton consumption has not kept pace with production in foreign countries. World trade in cotton, consequently, has slowed and world needs for U.S. cotton have been reduced sharply. An article beginning on page gives an analysis of factors affecting U.S. cotton exports.

## RECENT DEVELOPMENTS AND OUTLOOK

## 1966-67. DISAPPEARANCE MAY RISE SHARPLY

Disappearance of all kinds of cotton during the 1966-67 crop year (August 1, 1966-July 31, 1967) may slightly exceed 15 million bales, up from 12-1/2 million bales estimated for 1965-66. Some further rise is expected in mill use during 1966-67, while exports are expected to rise sharply from 1965-66.

Consumption of all kinds of cotton by domestic mills during 1966-67 is expected to rise slightly from the 9-1/2 million bales estimated for 1965-66 and to the highest level since 1950-51. (See tables 10 and 11.)

The projected larger consumption for 1966-67 stems from expectations for a continued high level of general economic activity, a high level of military purchases of textile products, and further gains for cotton in the domestic market because of its improved competitive price position.

The high rate of consumption in recent months supports the expectation of greater mill consumption in 1966-67. The seasonally adjusted daily rate of upland cotton consumption in June was about 5 percent higher than in June 1965, while the rate of use in May 1966 was up about 4 percent from the same month of 1965. Use of rayon and acetate staple fibers has remained at about year-earlier levels in recent months. (See tables 1 and 2.)

## 1966-67 EXPORTS MAY INCREASE SHARPLY

U.S. exports of cotton during the 1966-67 crop year are projected at around 5-1/2 million bales, up sharply from the 3.0 million estimated for 1965-66. This estimate is predicated on a recovery of foreign Free-World consumption from the slight decline in 1965-66, a small increase in production in foreign Free-World countries and some rebuilding of cotton stocks abroad during 1966-67.

Table 1.--Upland cotton: Daily rate of mill consumption, umadjusted and seasonally adjusted, August 1963 to date

| Month | 1963-64 |  | 1964-65 1/ |  | 1965-66 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : Unad- <br> : jucted | : Adjusted 2/ | Elasdjueted | : Adjusted 2/ | Unadjusted | : Adjusted $2 /$ |
|  | $\text { Bales } 3$ | Bales 3/ | Bales 3/ | Bales 3/ | Bales 3$]$ | Beles 3/ |
| August | 32,700 | 31,533 | 35,023 | 33,773 | 36,079 | 34,792 |
| September | : 32,410 | 32,217 | 34,556 | 34,350 | 34,838 | 34,630 |
| October | 32,805 | 31,974 | 34,703 | 33,824 | 36,519 | 35,594 |
| Hovember | : 33,336 | 32,365 | 35,583 | 34,547 | 36,951 | 35,875 |
| December | : 29,324 | 31,497 | 31,434 | 33,764 | 32,745 | 35,172 |
| Januxy | 32,173 | 32,400 | 35,876 | 36,129 | 37,085 | 37,346 |
| February | : 33,699 | 32,686 | 36,416 | 35,321 | 37,079 | 35,964 |
| Varch | : 33,139 | 31,987 | 35,925 | 34,677 | 37,320 | 36,023 |
| April | : 32,748 | 32,585 | 36,087 | 35,907 | 37,356 | 37,170 |
| May | : 33,797 | 32,118 | 36,474 | 34,737 | 37,921 | 36,115 |
| June | : 33,623 | 32,931 | 35,271 | 34,546 | 36,903 | 36,144 |
| July | $: 29,218$ | 35,243 | 29,248 | 35,281 |  |  |

## 1/ Preliminary. 2/ See Movember 1964 Cotton Sitaation for seasonal adjustwent factors. 3/ Rumaing bales

Original data from the Bureau of the Census, seasonal factors based on Bureaz of Labor Statistics Program.

Table 2.--Man-made staple fiber: Daily rate of mill consumption by cotton-system spinning spindles, umadjusted and seasonally adusted,

August 1963 to date

| Month | 1963-64 |  |  |  | 1964-65 1/ |  |  |  | 1965-66 1/ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Rayon } \\ & \text { and } \\ & \text { acetate } \end{aligned}$ |  | $\begin{gathered} \text { Non- } \\ \text { cellulosie } \\ 2 / \end{gathered}$ |  | $\begin{aligned} & \text { Rayon } \\ & \text { and } \\ & \text { acetate } \end{aligned}$ |  | $\begin{gathered} \text { Ion- } \\ \text { cellulosic } \\ 2 / \end{gathered}$ |  | $\begin{aligned} & \text { Rayon } \\ & \text { and } \\ & \text { acetate } \end{aligned}$ |  | $\begin{gathered} \text { Ion- } \\ \text { cellulosic } \\ 2 / \end{gathered}$ |  |
|  | :Unad. : Ad, .3/Unadj. :Adj.3/Unadj. :Ady.3/Unadj. :Adj.3/Unady. Adj.3/Unadj. :Ady.3/ |  |  |  |  |  |  |  |  |  |  |  |
|  | : 1,000 | 000 2 l | 1,000 | 1b. | 1,000 |  | 1,000 | 1b. | 1,000 | 1b. | 1,000 |  |
| Aug. | : 2,399 | 2,283 | 1,049 | 979 | 2,662 | 2,533 | 1,248 | 1,165 | 2,338 | 2,225 | 1,549 | 1,446 |
| Sept. | : 2,408 | 2,379 | 938 | 943 | 2,570 | 2,540 | 1,232 | 1,238 | 2,422 | 2,392 | 1,564 | 2,572 |
| Oct. | : 2,455 | 2,354 | 961 | 961 | 2,605 | 2,498 | 1,222 | 1,222 | 2,510 | 2,407 | 1,699 | 1,699 |
| Hov. | : 2,574 | 2,449 | 960 | 1,002 | 2,644 | 2,516 | 1,235 | 1,289 | 2,528 | 2,405 | 1,703 | 1,778 |
| Dec. | : 2,297 | 2,420 | 881 | 985 | 2,320 | 2,445 | 1,112 | 1,244 | 2,387 | 2,515 | 1,578 | 1,765 |
| Jan. | : 2,411 | 2,478 | 1,004 | 1,046 | 2,570 | 2,641 | 1,279 | 1,332 | 2,436 | 2,504 | 1,884 | 1,962 |
| Feb. | : 2,609 | 2,526 | 1,054 | 1,060 | 2,581 | 2,498 | 1,369 | 1,377 | 2,391 | 2,315 | 1,918 | 1,930 |
| Mar. | : 2,578 | 2,493 | 1,060 | 1,038 | 2,539 | 2,455 | 1,373 | 1,345 | 2,495 | 2,413 | 1,924 | 1,884 |
| Apr. | : 2,541 | 2,556 | 1,049 | 1,040 | 2,496 | 2,511 | 1,431 | 1,418 | 2,590 | 2,606 | 1,958 | 1,941 |
| Nay | : 2,542 | 2,519 | 1,136 | 1,047 | 2,503 | 2,481 | 1,480 | 1,364 | 2,528 | 2,505 | 1,997 | 1,841 |
| Jume | : 2,544 | 2,536 | 1,140 | 1,033 | 2,438 | 2,431 | 1,424 | 1,290 | 2,468 | 2,461 | 1,864 | 1,688 |
| July | $: 2,179$ | $2,561$ | 1,037 | 1,136 | 2,034 | 2,390 | 1,287 | 1,410 |  |  |  |  |

I/ Prelininary. 2/ Includes nylon, acrylic and modacrylic, polyester, and other man-made staple fibers. 3/ See Hovember 1964 Cotton Situation for seasonal adjustment factors. 4/ Revised.

Original data from the Bureau of the Census, seasonal factors based on Bureau of Labor Statistics Progran.

Table 3.--Cotton: Upland, total allotments, acreage planted and percentages, United States, by region,

1963-1966

| Item | : | West | Southwest | $:$ $:$ : | Delta | : | Southeast | $:$ $:$ $:$ | United States |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : | 1,000 | 1,000 |  | 1,000 |  | 1,000 |  | 1,000 |
|  | : | acres | acres |  | acres |  | acres |  | acres |
|  |  |  |  |  |  |  |  |  |  |
| Allotted acreage |  |  |  |  |  |  |  |  |  |
| 1963 | : | 1,246 | 7,627 |  | 4,350 |  | 3,027 |  | 16,250 |
| 1964 1/ | : | 1,244 | 7,590 |  | 4,360 |  | 3,006 |  | 16,200 |
| 1965 | : | 1,242 | 7,590 |  | 4,367 |  | 3.001 |  | 16,200 |
| 1966 1/ | : | 1,243 | 7,591 |  | 4,366 |  | 3,000 |  | 16,200 |
|  |  |  |  |  |  |  |  |  |  |
| Planted acreage 2/ |  |  |  |  |  |  |  |  |  |
| 1963 | : | 1,260 | 6,795 |  | 4,165 |  | 2,480 |  | 14,699 |
| 1964 3/ | : | 1,270 | 6,800 |  | 4,182 |  | 2,477 |  | 14,729 |
| 1965 | : | 1,225 | 6,408 |  | 4,094 |  | 2,349 |  | 14,076 |
| 1966 3/4/ | : | 997 | 4,836 |  | 2,981 |  | 1,672 |  | 10,486 |
|  |  |  |  |  |  |  |  |  |  |
| Percent planted |  |  |  |  |  |  |  |  |  |
| 1963 | : | 101.1 | 89.1 |  | 95.7 |  | 81.9 |  | 90.5 |
| 1964 | : | 102.1 | 89.6 |  | 95.9 |  | 82.4 |  | 90.9 |
| 1965 | : | 98.6 | 84.4 |  | 93.7 |  | 78.3 |  | 86.9 |
| 1966 | : | 80.2 | 63.7 |  | 68.3 |  | 55.7 |  | 64.7 |

1/ Does not include acreage permitted for export.
2/ Not adjusted for final acreage compliance with allotments.
3/ Includes acreage planted for export.
4/ Preliminary. July 8 report of Crop Reporting Board.
Agricultural Stabilization and Conservation Service and Statistical Reporting Service.

The consumption increase is expected to result from some pickup in the rate of use; particularly in Western European countries and in India. Also, lower world prices now being quoted for the 1966-67 crop year will improve the comperitive position of cotton in world markets and stimulate the use of cotton.

Production of cotton in the foreign Free-World is expected to increase only slightly in 1966-67 because acreage will be no larger and may be down. Production in Communist countries may be below 1965-66 and their imports from Free-World countries may rise.

Some rebuilding of cotton stocks abroad during 1966-67 is expected to stimulate U.S. exports. Cotton stocks on August 1, 1966, in the foreign Free World will total about 9.6 million bales, down about 0.7 million from a year ago and the smallest since 1962. (See table 12.)

## U.S. 1966 PLANTED ACREAGE DOWN SHARPLY

As of July 1, acreage planted to the 1966 crop of all kinds of cotton was estimated at $10,567,000$ acres by the Crop Reporting Board. (See tables 14 and 15.) This is 25 percent less than the $14,153,000$ acres planted to the 1965 crop and the smallest acreage in nearly 100 years.

Grower participation in the 1966-67 program sharply reduced acreage planted. Producers signed up to remove about 4.6 million acres from production under this year's program. In 1965, producers signed up to remove about 1 million acres from production under the domestic allotment program, Under the 1966 program, producers could divert up to 35 percent of their farm allotment and many producers chose to divert this maximum acreage. For the diverted acreage, the
rate of payment to producers is 10.5 cents per pound on the projected production on all acreage diverted.

The basic loan level for Middling 1-inch cotton with average micronaire is 21 cents per pound for the 1966 crop. Participators are eligible also for direct price support payments of 9.42 cents per pound on projected production on the domestic allotment (which is 65 percent of the total farm allotment).

Estimated planted acreage of upland cotton in 1966 represents only 64.7 percent of the allotted acreage for this type, down sharply from 86.9 percent for the 1965 crop. As in past years, producers in the Southeast planted a smaller percentage of their allotments than those in other regions. (See table 3.) This reflects greater producer selection of 35 percent acreage diversion option and larger acreage remaining under Conservation Reserve contracts than in other areas.

The July 1 report included acreage planted to cotton which had been and later may be abandoned. Most producers were able to plant their intended acreage although poor weather conditions delayed planting and resulted in need for replanting in some areas of the eastern and central cotton States. Replanting of cotton acreage to soybeans was heavy in the Carolinas and Missouri, moderate in Georgia, north Alabama, and northeast Arkansas, and generally light in other areas. The first official estimate of acreage for harvest and cotton production will be reported in the August Cotton Report to be released August 8 ,

## AUGUST 1 U.S. CARRYOVER RECORD HIGH

The August 1, 1966, carryover of all kinds of cotton probably will total about 16.8 million bales ( 16.6 million upland cotton). This is 2.5 million bales above the August 1, 1965, carryover of 14.3 million bales and 2.3 million bales above the previous high in 1956. (See tables 10 and 11.)

Carryover increased sharply during the 1965-66 crop year because of a decline in disappearance and a large 1965 crop, which resulted from record-high yields.

Disappearance declined in 1965-66 because of a sharp drop in exports which totaled only about 3 million bales. The decline in U.S. exports resulted from increased competition from record production in foreign countries and a working down of stocks in both importing and exporting countries in anticipation of reduced world cotton prices during the 1966-67 crop year.

Mill consumption of cotton during $1965-66$ rose slightly from the previous year, totaling about 9.5 million bales ( 9.4 million upland cotton), up 0.3 million bales from 1964-65. This rise in mill use resulted from
increased demand for textile products for both civilian and military uses and from the improved competitive price position of cotton relative to rayon and acetate fibers.

Data furnished to the Department of Agriculture by the Defense Supply Agency indicate that military purchases of cotton fabric rose sharply in calendar 1965 and remained at high levels during JanuaryMay 1966. The raw cotton content of actual deliveries of cotton fabric in 1965, estimated for the year on the basis of 7 months of actual data, amounted to about 99,000 bales of cotton, up from about 54,000 bales in 1964. This was about the level of the early 1960 's. For January-May 1966, deliveries were running at an annual rate of around 93,000 bales, but this rate may increase sharply in future months. Purchases of manmade fiber fabrics have shown similar changes. However, in recent years purchases of these fabrics have represented about 10 percent of total fabrics (cotton and man-made), up sharply from around 4 percent in the early 1960 's. (See table 4.)

More detailed information on military use of fabrics will be contained in the September 1966 Cotton Situation.

In recent months, prices paid by mills for raw cotton have increased but have remained below yearearlier levels. Prices of raw cotton used in the manufacture of 20 selected constructions of cloth have averaged about 1 cent per pound below the same months a year earlier. Mill margins have changed little in recent months because cloth prices have increased about the same as raw cotton prices. (See table 16.)

Increased demand and slightly higher prices for cotton goods have contributed to large cotton textile imports in recent months. U.S. imports of cotton textiles, on a raw-cotton-equivalent basis, totaled 87,600 bales in May, up from 85,900 bales in April and 57,800 bales in May 1965. For January-May 1966, imports totaled 409,600 equivalent bales, up 33 percent from the same period a year earlier. In contrast, U.S. exports of cotton textiles have remained at low levels. (See tables 17 and 18.)

## U.S. SPOT MARKET PRICES SLIGHTLY HIGHER

The average spot market price for Middling 1 inch cotton in June was 29.60 cents per pound, up from 29.57 cents in May but down from 30.91 cents in June 1965. (See table 5.) The average price has edged upward since reaching a low for the season in February and March. The lower price during this season reflects the lower support price. The basic support price for 1965 Middling 1 -inch cotton at average location was 29.00 cents per pound compared with 30.00 cents for 1964. The 1966 crop support price is 21.00 cents per

Table 4.--Cotton and man-made fibers used by the Military Forces, United States, 1961-66


1/ Full year estimates based on available data.
2/ Indicates-number of months for which data were available.
3/ 480 pound net weight bales.
Based on data from Defense Supply Agency, Department of Defense.
pound. Equalization payments of 5.75 cents per pound for domestic and export use will be eliminated on August 1 with the reduction in the support price.

The average price received by farmers for upland cotton in June was 29.08 cents per pound, up from 28.49 cents in February but down from 30.13 cents in June 1965. (See table 6.) The support price for the 1965 crop of upland cotton (average of the crop) was 28.31 cents per pound compared with 29.30 cents for 1964 . For the 1966 crop, the support price for average of the crop is 20.21 cents per pound. In addition to the direct price support payments and loans, most producers will receive acreage diversion payments.

COTTON SALES LARGE UNDER 1966-67 PROGRAM
Through July 13, USDA had sold 2.3 million bales of upland cotton for delivery after July 31 under sales AnnouncementNO-C-31Sales are made every other week and such cotton may be used domestically or exported.

For sales thus far, the sales price (basis Middling 1 -inch having micronaire reading of 3.5 to 4.9 at average location) has averaged about 22.10 cents per pound. Under the 1965-66 cotton sales-for-export program (NO-$\mathrm{C}-29$ ), CCC sold upland cotton at an average of about 24.20 cents per pound for immediate delivery.

Table 5 .--Cotton: American Middling 1-inch price per pound at 15 markets, monthly average, August 1962 to date


[^1]Table 6 .--Cotton: American upland, average price per pound received by farmers, by months, August 1962 to date


1/ Weighted average. 2/ Not available
Statistical Reporting Service.

Cotton is being made available by USDA under NO-C-31 to satisfy the "short-fall'"--the difference between disappearance and production--and barter contracts, and to enable the exchange of cotton for PIK certificates or rights in the certificate pool.

## GOVERNMENT FINANCING OF COTTON EXPORTS FOR FISCAL 1966 BELOW A YEAR EARLIER

Government financing of cotton exports under special programs are estimated to have covered shipments of about 1.2 million bales during fiscal 1966, 0.2 million below the 2 previous years.

The largest share, about 0.6 million bales, was financed by Export-Import Bank loans compared with 0.5 million in fiscal 1965. Cotton exports financed under Public Law 480, Title I, dropped to about 0.3 million bales in fiscal 1966, down from 0.7 million in fiscal 1965. Cotton financed under Title IV totaled 0.2 million bales, about double that of the previous year. (See table 13.)

## PRICES OF COTTON BELOW YEAR-EARLIER LEVELS IN IMPORT MARKETS

Prices for most qualities of cotton in major import markets have been steady to lower in recent months and a cent or more per pound below year-earlier levels. Prices for U.S. cotton declined in June and averaged below those for most foreign-grown cotton. (See tiables

21 and 22.) U. S. and foreign average spot export prices are shown in table 23.

## WORLD MAN-MADE FIBER PRODUCTION RECORD HIGH IN 1965

World production of man-made fibers in 1965 continued to trend upward, reaching a record high total of 12.2 billion pounds, up 8 percent from the 11.3 billion in 1964. However, this was the smallest percentage increase in total man-made fiber production since 1961, compared with a 14 -percent increase recorded in 1964. Wrld production of man-made fibers has set record highs each year since 1958. (See table 24.)

World production of rayon and acetate in 1965 totaled a record 7.3 billion pounds, about 2 percent above the previous record high in 1964. Production increased in the United States and in Communist countries but declined in the foreign Free-World countries about 2 percent from the previous year--after increasing each year since 1958.

World non-cellulosic fiber production continued to increase much faster than rayon and acetate fiber output. During 1965, non-cellulosic fiber production totaled 4.9 billion pounds, 20 percent above 1964 . This compares with the 2 -percent increase in rayon and acetate fibers. For 1965, non-cellulosic fibers accounted for 40 percent of the world's total man-made fiber output, 4 percentage points above the previous year.

Non-cellulosic fiber production during 1965 increased faster in the United States than in foreign countries. The U.S. output in 1965 rose by 25 percent compared with a 16 -percent increase for foreign FreeWorld courfries. Output in the Communist countries rose by 27 percent.

World man-made fiber production in 1965, in cotton equivalent pounds, totaled 36.6 million bales, up 3.0 million equivalent bales from 1964. In comparison with the man-made fibers, world cotton consumption during the 1965-66 crop year totaled 50.6 million bales, up 0.7 million bales from the past year.

## 1966 AMERICAN-EGYPTAIN PLANTED ACREAGE HIGHER

Plantings for the 1966 crop of American-Egyptain cotton totaled 81,100 acres, up slightly from 77,300 acres in 1965. This reflects an increase in the national acreage allotment for 1966. The price support for the 1966 crop of extra-long staple cotton will average 49.25 cents per pound, net weight, same as for the previous year.

Mill consumption of extra-long staple cotton during 1966-67 is expected to be up slightly from 140,000 bales estimated for 1965-66. The rate of use of extra-long staple cotton has trended downward since mid-1965. This cotton is meeting intense competition from non-cellulosic fibers and apparently from the long staple types of upland cotton.

# FACTORS AFFECTING U.S. COTTON EXPORTS TO THE FOREIGN FREE WORLD * 

## by

William E. Cathcart and James R. Donald **

Historically, the United States has been the major world exporter of raw cotton. Exports have contributed significantly to the economic stability of the cottonproducing States and to the profit and employment levels of many community businesses in these States.

However, U.S. mills are unable to use all the cotton produced in this country. Production has continued to outstrip domestic use, despite acreage allotment programs and programs designed to improve cotton's competitive position in the domestic market. During 1960-64, for example, U.S. mills used only 59 percent of U.S. production. This left 41 percent for export or to be added to enlarging CCC stocks. Exports play a key role in maintaining farm income and a healthy cotton industry.

Cotton is the largest cash crop grown in the United States, accounting for about 7 percent of total cash receipts received by farmers during 1964. In many of the major cotton-producing States, cotton accounts for a much larger share of farm cash receipts. For example, in Mississippi cotton accounted for about 48 percent of total farm cash receipts for 1964.

## TRENDS IN U.S. COTTON EXPORTS

U.S. exports of cotton apparently totaled about 3 million bales for the 1965-66 season, down from the 4.1 million bales $1 /$ exported during the previous year and an average 5.0 million for the 5 -year period 1960-64.
U.S. exports have varied widely over the years. Exports ranged from 2.3 million bales in 1955-56 to 7.9 million bales in 1956-57. In 1958-59, they again fell to less than 3 million bales. World exports have also varied widely but they have trended upward, particularly since World War II. In contrast, U.S. exports have declined from previous levels, and the U.S. share of world trade has declined.

The United States claimed nearly 60 percent of the world trade in cotton during the period 1925-29. The U.S. share dipped to a low of 27 percent during the war years, then increased to about 40 percent during the late 1940's. In the early 1950 's, it trended downward, dropping to a low of 18 percent in 1955-56. Government programs to assist exports have boosted the U.S. share to an average of 34 percent of world trade since the mid-1950's, but still well below pre war levels. (See fig. 1.)

## FACTORS AFFECTING U.S. COTTON EXPORTS

The export demand for U.S, cotton is influenced by many factors of varying significance, Year-to-year changes in stocks and in economic activity of foreign countries help to explain U.S. export levels during a given season. But longer run factors, such as foreign Free-World production and consumption of both cotton and man-made fibers, are more important. 2/Relative cotton prices (U.S. versus foreign-grown cotton) affect both year-to-year changes in U.S. exports and long-run levels. Actual and prospective prices affect exports during a given year and importing countries respond by building up or working down their stocks. Over a longer period, cotton price levels influence the production of both cotton and man-made fibers in foreign countries. U.S. cotton exports vary directly with the resulting foreign production and consumption levels. Importing countries adjust their stock position according to present and prospective price and supply situations for textiles and raw cotton. Most foreign-producing countries do not have the physical nor economic facilities for carrying substantial quantities of cotton for extended periods of time; therefore, they dispose of their crops shortly after harvest. Production is small enough in most of these countries so that they can reduce their price slightly below prevailing prices and sell their production without causing serious disruption in world markets.

## TRENDS IN FOREIGN FREE-WORLD COTTON CONSUMPTION AND PRODUCTION

Foreign Free-World countries have used about half the total world mill consumption of cotton in recent

1/ Bales in this report refer to 500 pound gross weight bales.

2/ In this article, the main emphasis is placed on the analysis of factors affecting foreign Free-World production and consumption of cotton since the past and future levels of U.S. exports are largely determined by these two factors.
*This article summarizes some of the results of a recent report entitled "Analysis of Factors Affecting U.S. Cotton Exports," AER No. 90: issued May 1966. **Agricultural Economist and Agricultural Statistician, respectively, Economic and Statistical Analysis Division, Economic Research Service.

## COTTON EXPORTS



Figure 1
years. Consumption in these countries has increased sharply--from 13.5 million bales in 1947-48 to a record 25.1 million bales in 1964-65. During this period, mill consumption increased about 3.6 percent annually. In more recent years, the rate of increase has slowed and for the 10 -year period, 1955-64, the annual rate of increase was 2.8 percent per year. (See table 7 and fig. 2.)

Although total foreign Free-World cotton consumption has been rising, the use of cotton has not kept pace with the growth of total textile fiber consumption. Since the early 1950 's, cotton's share of the total textile fiber consumption in the foreign Free World has declined as the share of man-made fiber use has increased. Like cotton, the market share of wool also has declined and that of rayon fiber has remained about the same. The non-cellulosic fibers' share of total fiber consumption in the foreign Free World increased sharply from less than 1 percent in 1955 to 10 percent in 1964. This 9 -percentage point increase corresponds to a 5percentage point loss for cotton. Although cotton's share declined, total foreign Free-World mill consumption of cotton has continued to increase.

Striking changes have occurred in the distribution of foreign Free-World cotton production during the past 15 years. More cotton is being grown, and more countries are growing it. In addition, these countries are exporting more cotton, and some that imported cotton several years ago are now exporting countries. During the 1947-48 crop year, only 12 foreign Free-World countries produced 100,000 or more bales of cotton. By 1964-65, 22 countries were producing over 100,000 bales annually.

Foreign Free-World countries produced 8.9 million bales of cotton in the 1947-48 crop year--about 35 percent of the world's crop of 25.5 million. During the Korean conflict, a time of short supplies and sharply rising world cotton prices, production in these countries had increased over 50 percent--to 13.8 million bales by 1952-53. Foreign Free-World acreage and production continued to set new record highs every year, (except for the 195657 and 1959-60 crop years). In 1964-65, production totaled 22.9 million bales, up 157 percent from 1947-48. During the postwar period, 1947-64, foreign Free-World cotton production increased about 4.9 percent annually. During the 1955-64 period, the annual rate was 4.3 percent. Cotton has become increasingly important as a cash crop,

Table 7.--Cotton consumption: Average annual rates of change, 1947-64 and 1955-64

| Area | Average relative change |  |
| :---: | :---: | :---: |
|  | 1947-64 | 1955-64 |
|  | Percent | Percent |
| Canada | --- | 2.8 |
| Mexico | 3.9 | 2.4 |
| Central America | 7.8 | 10.4 |
| Argentina | . 9 | -2.7 |
| Brazil | 3.4 | 2.9 |
| South America (less | 4.9 | 5.2 |
| Argentina and Brazil |  |  |
| Belgium | -. 4 | -1.2 |
| France | . 9 | - . 2 |
| West Germany | 1.0 | - . 8 |
| Italy | 1.0 | 3.1 |
| Netherlands | 2.3 | . 9 |
| Spain | 4.4 | 2.9 |
| Greece | 3.6 | 4.8 |
| United Kingdom | -4.4 | -5.2 |
| Western Europe (Total) | . 9 | . 3 |
| Hong Kong | 14.5 | 12.2 |
| India | 2.8 | 2.7 |
| Japan | 4.2 | 3.6 |
| Pakistan | 13.5 | 4.5 |
| Turkey | 6.3 | 1.2 |
| Asia (less Inida, Main- | 10.7 | 5.3 |
| land China, Japan and Pakistan |  |  |
| Egypt | 6.9 | 5.9 |
| Africa (less Egypt) | 10.4 | 11.3 |
| Foreign Free World | 3.6 | 2.8 |
|  |  |  |

as an earner of foreign exchange, and as a raw material for textile output, both for domestic use and export.

Production increases have resulted both from increased acreage and higher yields per acre. (See table 8 and fig. 3.) Cotton acreage increased from 27.9 million acres in 1947-48 to a record high of 50.1 million in 1964-65. The average annual rate of increase in acreage during this period was 2.8 percent.

Yield per acre in the foreign Free-World countries also has trended upward during 1947-64, increasing from 153 pounds in 1947-48 to 219 pounds in 1964-65. Foreign Free-World average yield rose 2.1 percent annually for this period. As a result of the combined increase in both acreage and yield, foreign Free-World production expanded 4.9 percent or about 764,000 bales per year.

To summarize, foreign Free-World cotton production has increased slightly faster than consumption in
the postwar period, narrowing the gap between consumption and production. During 1947-64, consumption increased 3.6 percent annually while production increased 4.9 percent. For the 1955-64 period, consumption increased 2.8 percent annually and production rose 4.3 percent. (See fig. 2.)

## ANALYSIS OF FACTORS AFFECTING COTTON CONSUMPTION

The increase in foreign Free-World consumption of cotton has reflected the economic growth and development as well as the population growth of these countries. Consumption of cotton is related to the level of general economic activity, population growth, and the price of cotton relative to the price or use of competing products. In an analysis of the 1948-63 period, foreign Free-World (as measured in 43 countries) per capita mill consumption of cotton was related to per capita real income, price c.i.f. Liverpool of United States cotton, and per capita consumption of non-cellulosic fibers.

These factors accounted for about 85 percent of the variation in foreign Free-World consumption, An increase in the price of cotton was associated with a decrease in consumption, while increases in per capita income were associated with increases in consumption. Increased consumption of non-cellulosic fibers also was related to decreased cotton consumption. The coefficients, except for non-cellulosic fiber consumption, were statistically significant at the 5 -percent level.

Income levels significantly affected foreign FreeWorld cotton consumption. On the average, a $\$ 10$ increase in real income per capita was associated with an increase of 0.07 pound in cotton consumption per capita, or a 1 percent change in income was associated with a 0.35 percent change in mill consumption in the same direction.

The analysis also showed that a 1-cent-per-pound change in the deflated Liverpool price of cotton with other factors held constant, was associated with a change of 0.04 pound in foreign Free-World per capita mill consumption of cotton in the opposite direction. Likewise a change of 1 percent in the price of cotton was associated with a change in the opposite direction of 0.27 percent in cotton consumption. Translated to bales of cotton, a l-cent-per-pound reduction in the price of cotton (in 1963 dollars) would result in a 135,000 -bale increase in foreign Free-World consumption at 1963 population levels.

Although the coefficient for non-cellulosic fiber consumption in the analysis was not statistically significant, increases in the use of these fibers were found to be associated with declines in the use of cotton. Lack of statistical significance was probably due to small total use of non-cellulosic fibers. During the period covered by the study, except for 1962 and 1963, per


Figure 2


Figure

Table 8.-- Cotton acreage, yield and production : Average annual rates of change, 1947-64 and 1955-64.

| Area |  | Average relative change |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1947-64 |  |  |  | 1955-64 |  |  |
|  | : | Acreage | Yield | Production |  | Acreage | Yield | $:$ Production |
|  |  | Percent | Percent | Percent |  | Percent | Percent | Percent |
| Mexico | : | 2.4 | 4.7 | 6.5 |  | -2.8 | 3.8 | 1.0 |
| Central America | : | 12.0 | 6.7 | 18.6 |  | 10.6 | 3.2 | 17.0 |
| Argentina | : | . 9 | - . 8 | . 0 |  | . 0 | . 9 | -1.2 |
| Brazil | : | 1.4 | 1.0 | 3.2 |  | 4.2 | 2.8 | 7.0 |
| Peru | : | 3.9 | . 6 | 4.6 |  | 2.3 | 1.3 | 3.9 |
| South America <br> (less Brazil |  | 2.6 | 1.2 | 3.7 | : | 2.6 | 1.0 | 3.5 |
| Spain |  | 13.0 | 7.3 | 18.8 | . | 5.9 | 6.5 | 12.0 |
| Greece |  | 8.1 | 3.3 | 10.9 |  | 2.5 | 3.3 | 5.6 |
| Western Europe | : | 3.8 | 6.8 | 10.0 |  | -1.6 | 7.3 | 5.9 |
| India |  | 2.9 | 1.5 | 4.4 |  | - . 4 | 3.2 | 2.8 |
| Iran |  | 8.6 | 2.5 | 11.0 | . | 6.7 | 2.0 | 8.6 |
| Pakistan |  | 1.2 | 2.2 | 3.4 |  | . 2 | 3.7 | 4.0 |
| Syria | : | 8.7 | 2.9 | 12.8 |  | 1.7 | 5.6 | 7.6 |
| Turkey |  | 3.6 | 3.0 | 6.9 | : | . 5 | 6.6 | 7.3 |
|  |  | 4.9 | 3.6 | 8.4 | : | 2.4 | 4.4 | 7.1 |
| Pakistan, and |  |  |  |  |  |  |  |  |
| Mainland China) |  |  |  |  |  |  |  |  |
| Egypt |  | . 6 | 1.1 | 1.7 |  | - .8 | 4.4 | 3.3 |
| Sudan |  | 6.6 | - . 6 | 6.1 |  | 6.5 | -1.9 | 5.0 |
| Africa (less Egypt and Sudan) |  | 2.6 | . 8 | 3.4 |  | . 7 | . 9 | 1.6 |
| Foreign Free World | : | 2.8 | 2.1 | 4.9 | . | . 9 | 3.4 | 4.3 |
|  |  |  |  |  |  |  |  |  |

capita mill consumption of non-cellulosic fibers in foreign Free-World countries was less than 1 pound per year. In many of these countries, only insignificant amounts were consumed, However, consumption of non-cellulosic fibers, in the postward period, has increased rapidly in many foreign countries with an increasing impact on cotton consumption.

## ANALYSIS OF FACTORS AFFECTING COTTON PRODUCTION

The acres planted to cotton and the yield per acre are the determinants affecting cotton production. Each of these factors is affected by many complex and interrelated forces, many of which cannot be measured quantitatively.

World cotton prices would be expected to strongly influence cotton acreage and production in foreign FreeWorld countries. To determine this relationship, foreign Free-World cotton acreage was correlated with cotton prices. The analysis included data for the 1948-63 period. The variable used to represent world cotton prices was the price of U.S. Strict Middling $11 / 1 \mathrm{~b}$-inch cotton, c.i.f.

Liverpool. Since a timelag between changes in cotton prices and acreage response would be expected, a lead time of 1 year was used for the price variable. To take some account of factors which cannot be measured or quantified, trend factors were used in the analysis.

Changes in cotton acreage were found to have been associated with cotton prices and trend. The variables were statistically significant at the 5 -percent level and explained 97 percent of the variation in foreign FreeWorld cotton acreage.

The analysis showed that a 1 -cent change in the Liverpool price was associated with a change in the same direction of 227,820 acres of cotton. This suggests that a reduction in price of 1-cent-per-pound would result in a reduction the following year of about 228,000 acres of cotton. At 1963 yields, this acreage would represent about 100,000 bales of cotton.

## COMBINED EFFECTS OF PRICE CHANGE ON FOREIGN FREE-WORLD PRODUCTION AND CONSUMPTION

An analysis presented in a previous section showed that a 1 -cent change in the 1963 world cotton price, with
other factors unchanged, resulted in a 135,000 -bale change in cotton consumption in the opposite direction. The other analysis showed that a l-cent change in cotton prices resulted in a 100,000 -bale change in the samedirection in cotton production.

Assuming that there were no foreign stock changes, cotton exports to the foreign Free World would equal the amount by which production was short of consumption in the foreign Free World plus foreign Free-World net exports to Communist countries. Thus, the combined effect of a l-cent-per-pound change in the Liverpool price of U.S. cotton would be expected to result in a $235,000-$ bale change, in the opposite direction, in the demand for U.S. cotton exports by foreign Free-World countries. (See table 9.)

The effects of changes in cotton prices are not immediate nor all at once. Thus, the response of consumption and production to a 1-cent price change may be greater than 235,000 bales over a longer period of time. To illustrate, in the case of consumption, a lag in response to a price change reflects the timelag in marketing of cotton, in manufacture, and in the difficulty cotton users have in making shifts to other fibers. Quick shifts are difficult after styles and production plans have been set. Both time and costs are involved in adjusting machines and crews for use with a substitute fiber. There would

Table 9.--Effect of a l-cent reduction in world cotton prices on foreign Free-World production, consumption and United States exports at 1963 price and yield levels


1/ Assuming there would be no change in foreign Free-World stocks, U.S. exports to foreign Free World would equal combined change in production and consumption.
also be a time lag in the production response to a price change.

Single copies of the complete report, Analysis of Factors Affecting U.S. Cotton Exports, AER No. 90 , issued May 1966, may be obtained free of charge from: The Office of Information, U.S. Department of Agriculture, Washington, D.C. 20250

| $:$ |  |
| :--- | ---: |
| $:$ | The Cotton Situation is published January, |
| $:$ | March, May, July, September and November. |
| $:$ |  |
| $:$ | The next issue is scheduled for release |
| $:$ | September $28,1966$. |

Table 10.--Cotton other than extra-long staple: Supply and distribution, United States, 1950 to date

| Year <br> beginning August 1 | Supply |  |  |  |  | Distribution |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : Carryover :beginning : of season | Production 1 | Net imports | City crop | Total | : Consump- <br> - tion | Net exports | Destroyed | Total |
|  | : 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
|  | : bales $2 /$ | bales $2 /$ | bales 2/ | bales 2/ | bales $2 /$ | bales 2/ | bales $2 /$ | bales $2 /$ | bales $2 /$ |
| 1950 | : 6;781 | 9,789 | 68 | 28 | 16,666 | 3/10,357 | 4,108 | 27 | 14,492 |
| 1951 | : 2,196 | 14,983 | 26 | 40 | 17,244 | 3/9,116 | 5,515 | 35 | 14,666 |
| 1952 | : 2,741 | 15,031 | 61 | 42 | 17,874 | 3/9,358 | 3,048 | 50 | 12,456 |
| 1953 | : 5,551 | 16,295 | 50 | 43 | 21,899 | 8,475 | 3,760 | 75 | 12,311 |
| 1954 | : 9,570 | 13,504 | 48 | 46 | 23,168 | 8,730 | 3,445 | 60 | 12,235 |
| 1955 | : 11,028 | 14,591 | 51 | 47 | 25,718 | 3/9,085 | 2,194 | -- | 11,278 |
| 1956 | : 14,399 | 12,928 | 43 | 50 | 27,420 | 3/8,496 | 7,540 | --- | 16,036 |
| 1957 | : 11,269 | 20,783 | 96 | 58 | 22,206 | 3/7,900 | 5,707 | -- | 13,607 |
| 1958 | : 8,615 | 11,291 | 51 | 51 | 20,009 | 3/8,594 | 2,766 | --- | 11,360 |
| 1959 | : 8,733 | 14,435 | 48 | 50 | 23,266 | 8,879 | 7,178 | -- | 16,058 |
| 1960 | : 7,404 | 14,287 | 42 | 63 | 21,796 | 3/8,131 | 6,625 | $\cdots$ | 14,756 |
| 1961 | : 7,090 | 14,323 | 68 | 64 | 21,546 | 3/8,783 | 4,906 | --- | 13,689 |
| 1962 | : 7,741 | 14,712 | 55 | 68 | 22,575 | 3/8,258 | 3,348 | --- | 11,606 |
| 1963 | : 11,016 | 15,036 | 4/54 | 102 | 26,208 | 3/8,468 | 5,661 | --- | 14,129 |
| 1964 | : 12,125 | 15,060 | 4/34 | 70 | 27,290 | -9,019 | 4,038 | $\cdots$ | 13,057 |
| 1965 5/ | : 14,031 | 6/14,831 | 4/35 | 70 | 28,967 | 9,400 | 3,000 | -- | 12,400 |

1/ Includes in-season ginnings. 2/Running beiles except imports which are in bales of 500 pounds.
3/Adjusted to a cotton marketing year basis, August 1-July 31. 4/Irports for consumption. 5/Preliminary and estimated. 6/Crop Reporting Board report of May 9, 1966. Data from Bureau of the Census.

Table 11.--Extra-long staple cotton: Supply and distribution, United States, 1950 to date 1/

| Year beginning August 1 | Supply |  |  |  | Distribution |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Carryover beginning of season | Production | Imports | Total | Consumption | Exports | Total |
|  | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
|  | bales 2/ | bales $2 /$ | bales 2/ | bales $2 /$ | bales 2/ | bales $3 /$ | bales 2/ |
| 1950 | 65.0 | 62.2 | 121.2 | 248.4 | 3/152.4 | 4/ | 152.4 |
| 1951 | 82.4 | 46.0 | 46.1 | 174.5 | 3/79.5 | $4 /$ | 79.5 |
| 1952 | 48.3 | 93.5 | 132.5 | 274.3 | 3/103.1 | 4 | 103.1 |
| 1953 | 93.7 | 64.5 | 92.1 | 250.3 | 100.7 | $4 /$ | 100.7 |
| 1954 | 158.4 | 40.9 | 98.4 | 297.7 | 111.6 | 0.4 | 11.20 |
| 1955 | 276.9 | 41.5 | 85.9 | 304.3 | 3/124.9 | 20.3 | 145.2 |
| 1956 | 129.8 | 49.1 | 93.1 | 272.0 | 3/112.2 | 57.9 | 170.1 |
| 1957 | 53.3 | 79.7 | 44.6 | 177.6 | 3/99.4 | 9.7 | 109.1 |
| 1958 | 121.7 | 81.9 | 85.5 | 289.1 | 3/109.1 | 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 | 3/148.1 | 7.4 | 155.4 |
| 1961 | 137.6 | 61.0 | 84.2 | 28.2 .9 | 3/170.6 | 7.1 | 177.7 |
| 1962 | $5 / 90.4$ | 109.8 | 82.3 | 282.5 | 3/160.6 | 2.7 | 163.3 |
| 1963 | $5 / 199.6$ | 161.2 | 80.5 | 441.3 | 3/140.7 | 1.6 | 142.3 |
| 1964 | 5/253.2 | 116.7 | 82.7 | 452.6 | 152.3 | 21.2 | 173.5 |
| 1965 6/ | 5/259.3 | 7/85.6 | 8/85.6 | 430.5 | 140.0 | 2/20.0 | 160.0 |

1/ Includes American-Egyptian, Sea Island and foreign-grown cotton. 2/ American-Egyptian and Sea Island in running bales, foreign in bales of 500 pounds. 3/ Adjusted to a cotton marketing year basis. Aug. 1-July 31. 4/ Less than 50 bales. 5/ Includes 7,168 bales of foreign cotton from the national stockpile on Aug. 1, 1962, 61, 168 bales on Aug. 1, 1963, 27,474 on Aug. 1, 1964, and 18, 307 on Aug. 1, 1965. In bond cotton is not included; approximately 116,609 bales on Aug. 1, 1963, 60,297 on Aug. 1, 1964, and 38,022 on Aug. 1, 1965. 6/ Preliminary and estimated. 7/ Crop Reporting Board report of May 9, 1966. 8/ Import quota. 9/ Includes foreign-grown cotton released from the national stockpile.

Bureau of the Census.

Table 12.--Cotton: Supply and distribution in the foreign Free World, 1962-63 to 1965-66 (August-July marketing year)

| Item | : | 1962-63 | : | 1963-64 | : | 1964-65 | : $\vdots$ $:$ | $\begin{gathered} 1965-66 \\ 1 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : | Million |  | Million |  | Million |  | Million |
|  | : | Bales |  | Bales |  | Bales |  | Bales |
|  |  |  |  |  |  |  |  |  |
| Starting carryover $2 /$ | : | 9.5 |  | 9.6 |  | 10.3 |  | 10.3 |
| Production | : | 21.9 |  | 21.9 |  | 22.9 |  | 22.8 |
| Imports from United States | 1 | 3.3 |  | 5.5 |  | 4.0 |  | 2.9 |
|  | - |  |  |  |  |  |  |  |
| Total supply | ! | 34.7 |  | 37.0 |  | 37.2 |  | 36.0 |
| Consumption | : | 23.2 |  | 24.4 |  | 25.1 |  | 24.6 |
| Exports to United States, |  |  |  |  |  |  |  |  |
| net exports to Commanist | : |  |  |  |  |  |  |  |
| countries, and destroyed | : | 1.9 |  | 2.3 |  | 1.8 |  | 1.8 |
| Total disappearance | : | 25.1 |  | 26.9 |  | 26.9 |  | 26.4 |
| Ending carryover | : | 9.6 |  | 10.3 |  | 10.3 |  | 9.6 |
|  | : |  |  |  |  |  |  | 9.6 |

Preliminary.
2) Includes cotton afloat, in transit, and in Pree ports.

Foreign Agricultural Service.

Tablel3.--Special programs of the U.S. Government for financing cotton exports: Fiscal years 1962-63 to 1965-66 $1 /$

| Program | 1962-63 |  | 1963-64 |  | 1964-65 |  | 1965-66 21 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : Value | :Quantity | : Value | :Quantity | Volue | Quantity | : Value | :Quantity |
|  | $\begin{aligned} & \text { :Million } \\ & \text { : dollars } \end{aligned}$ | $\begin{aligned} & \text { Million } \\ & \text { bales } \\ & 3 / \end{aligned}$ | $\begin{aligned} & \text { Million } \\ & \text { dollars } \end{aligned}$ | $\begin{aligned} & \text { Million } \\ & \frac{\text { bales }}{3 /} \end{aligned}$ | $\begin{aligned} & \text { Million } \\ & \text { dollars } \end{aligned}$ | $\begin{aligned} & \text { Million } \\ & \text { bales } \\ & 3 / \end{aligned}$ | $\begin{aligned} & \text { Milion } \\ & \text { dollars } \end{aligned}$ | $\begin{aligned} & \begin{array}{l} \text { Million } \\ \text { bales } \\ 3 / \end{array} \end{aligned}$ |
| Public Law $87-195 \text { (AID) 4/ }$ | $: 2.4$ | $5 /$ | 1.8 | 5/ | 2.0 | $5 /$ | 0.9 | $5 /$ |
| $\begin{aligned} & \text { Export-Import } \\ & \text { Bank 6/ } \end{aligned}$ | : 54.9 | 0.4 | 61.4 | 0.5 | 61.5 | 0.5 | 71.6 | 0.6 |
| Public Law 480 Title I | $: 144.0$ | 1.0 | 115.2 | . 9 | 104.0 | . 7 | 42.6 | . 3 |
| Title IV | : 26.0 | . 2 | 5.4 | 5/ | 14.5 | . 1 | 27.0 | . 2 |
| Total 7/ | -227.3 | 1.7 | 183.8 | 1.4 | 182.0 | 1.4 | 142.1 | 1.2 |
| Barter | $: 0$ $\vdots$ | 0 | 20.3 | 0.2 | 54.2 | 0.4 | 8/37.0 | 8/0.3 |

1 Authorized for delivery and shipment.
2) Preliminary. Partly estimated.

3/ Running bales partly estimated.
4/ Mutual Security program discontinued. Superceded by PL87-195 (AID). Data from disbursments.
2) Less than 50,000 beles.

Includes amounts advanced by participants or disbursed by others at Export-Import Bank risk.
7/ Totals made from unrounded data. 8/ July 1, 1965-March 31, 1966.

Table 14.--Cotton: Acreage, planted and harvested, and yield per acre on harvested acreage, by regions, 1950 to date


1/ West includes California, Arizona, New Mexico, and Nevada. 2/ Southwest includes Texas, and Oklahoma. 3 Delta includes Missouri, Arkansas, Tennessee, Mississippi, Lquisiana, Illinois, and Kentucky.
4/ Southeast includes Virginia, North Carolina, South Carolina, Georgia, Florida, and Alabama. 5/ Not adjusted for final acreage compliance with allotments. 6/Crop Reporting Board report of March 18, 1966.

7/ Trend yield is 9-year centered average yield. 8/ Crop Reporting Board report of May 9, 1966.
Crop Reporting Board, Statistical Reporting Service.

Table 15.--Cotton: Acreage planted, by States, average percent not harvested 1960-64, average 1960-64 and annual 1965 and 1966

| : |  |  | Plan | d acres |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| : | 1960-64 |  | : | - |  |
|  | average |  | : |  | 1966 as |
|  | ercent n | 1960-64 | : 1965 | 1966 | percent |
|  | rvested | average |  |  | of 1965 |
| : |  |  | : |  |  |
| : |  | 1,000 | 1,000 | 1,000 |  |
| : | Percent | acres | acres | acres | Percent |
| North Carolina | 4.2 | 406 | 387 | 250 | 64.6 |
| South Carolina. ........... | 2.5 | 571 | 501 | 360 | 71.9 |
| Georgia .................. | 2.7 | 680 | 593 | 440 | 74.2 |
| Tennessee ................ | 2.5 | 532 | 507 | 395 | 77.9 |
| Alabama .................. | 2.3 | 886 | 830 | 595 | 71.7 |
| Missouri ................. | 2.6 | 384 | 341 | 250 | 73.3 |
| : |  |  |  |  |  |
| Mississippi ..............: | 3.5 | 1,573 | 1,47] | 1,030 | 70.0 |
| Arkansas ................. | 3.3 | 1,346 | 1,250 | 925 | 74.0 |
| Louisiana ................: | 4.3 | 554 | 516 | 375 | 72.7 |
| Oklahoma ................. | 6.6 | 654 | 585 | 465 | 79.5 |
| Texas .................... | 7.0 | 6,650 | 5,850 | 4,400 | 75.2 |
| New Mexico ............... | 5.8 | 207 | 183 | 146 | 79.8 |
| Arizona ..................: | 1.9 | 405 | 345 | 258 | 74.8 |
| California ............... | 2.2 | 827 | 744 | 643 | 86.4 |
| Other States 2/.........: | 5.4 | 53 | 50 | 35 | 70.8 |
| United States ............: | 4.9 | 15,728 | 14,153 | 10,567 | 74.7 |
| Other States : |  |  |  |  |  |
| Virginia | 4.8 | 15.2 | 15.0 | 11.0 | 73.3 |
| Florida .................: | 5.1 | 24.5 | 23.1 | 16.0 | 69.3 |
| Illinois | 9.1 | 2.2 | 2.5 | 1.5 | 60.0 |
| Kentucky ................: | 6.6 | 7.2 | 6.4 | 4.6 | 71.9 |
| Nevada .................. | 5.0 | 3.6 | 3.0 | 2.3 | 76.7 |
| American-Egyptian 3/ |  |  |  |  |  |
| Texas ..................: | 5.0 | 33.9 | 27.6 | 29.0 | 105.1 |
| New Mexico ..............: | 2.6 | 19.3 | 15.7 | 16.5 | 105.1 |
| Arizona .................: | 2.1 | 41.2 | 33.5 | 35.0 | 104.5 |
| California ..............: | 7.7 | . 6 | . 5 | . 6 | 115.4 |
| Total Amer.-Egypt. ..... | 3.3 | 95.0 | 77.3 | 81.1 | 104.9 |
| - |  |  |  |  |  |

1/ From all causes, including removed for compliance.
2/ Sums for "other States" rounded for includsinn in United States totals.
3/ Included in State and United States totals.
Crop Reporting Bosrd.

Table 16. Price of unfinished cloth (20 constructions), price of raw cotton, and mill margin, United States, by months, 1950 to date


[^2]Cotton Division, Consumer and Marketing Service.

Table 17.-Raw cotton equivalent of United States imports for consumption of cotton manufactures, 1961 to date


1/ Includes tapestry and upholstery fabrics, tire cord fabrics, and cloths in chief value cotton containing other fibers. $2 /$ Includes velvets and velveteens, corduroys, plushes and cheniles, and mamufactures of pile fabrics. 3/ includes blankets, quilts, and bedspreads, sheets and pillow cases. 4/ Includes knit and woven underwear and outerwear (collars and cuffs, shirts, coats, vests, robes, pajamas, and ornamented wearing apparel). 5/ Includes nets and nettings, veils and veilings, edgings, embroideres, etc., and lace window curtains. 6/ Includes braids (except hat braids), tubing, labels, lacing, wicking, loom harness, table and bureau covers, polishing and dust Noths, fabrics with fast edges, cords and tassels, garters, suspenders and braces, and miscellaneous articles. 7/ Includes belts and belting, fish nets and netting, and
 because of rounding and minor revisions in the see hial repors on Cotton and Related Data, 1925-62, issued April 1963. 10/ Monthly data may not always agree with the annual

Compiled from reports of the Bureau of the Census.

Table 18. -Raw cotton equivalent of United States exports of domestic cotton mamufactures, 1961 to date

| Year and month | : | Yarn, thread, twine, and cloth |  |  |  |  |  |  | : House furnishings |  |  |  | amfactured products |  |  |  |  |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | :Wearing apparel: | other | Total |  |  |  |  |
|  |  |  | : thread : |  | :Standard | : | : | : |  |  |  |  |  | : Quilts, | , | : | , | : | : house- | Indus- | : | : |  |  |
|  |  |  | :crochet, : | Twine : | construc |  | : $\quad$ | : |  | spreads, | : | : |  |  | :hold and: | trial | : | : |  |  |
|  |  | Yarn | :darning : |  | ; tions and | ; Other | : Weight | : Bales | Blan- : | : pillow | ${ }^{\text {:Towels }}$ | : Other | : Knit | Other | clothing: | produc | ${ }^{2}$ Weight | : Bales | Weight | Bales |
|  |  |  | :and em- : |  | tire cord | : 2/ | : |  | kets : |  |  | : 3/ | : 4/ | 5/ |  | 7/ |  | . Bales |  | Bales |
|  |  |  | :broidery: |  |  |  | $: \quad:$ |  |  | :cases, and |  |  | - |  | : ${ }^{\text {articles: }}$ | $1)$ |  |  |  |  |
|  |  |  | : cotton : |  | : | : | $: \quad:$ | : | : | : sheets | : | : | : | : | : |  | : | $: \quad:$ |  |  |
|  |  | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
|  |  | pounds | pounds | pounds | pounds | pounds | pounds | bales 8/ | pounds | pounds | pounds | pounds | pounds | pounds | pounds | pounds | pounds | bales 8/ | pounds | bales 8/ |
| 1961 9/ | : | 8,326 | 1,565 | 1,705 | 137,336 | 33,215 | 182,147 | 379.5 | 914 | 5,065 | 3,872 | 1,526 | 2,669 | 11,786 | 15,580 | 15,622 | 57,034 | 118.8 | 239,181 | 498.3 |
| 1962 | : | 7,582 | 1,765 | 1,778 | 118,254 | 39,178 | 168,557 | 351.2 | 1,010 | 4,464 | 3,407 | 1,496 | 2,610 | 10,895 | 15,162 | 12,706 | 51,750 | 107.9 | 220,307 | 459.0 |
| 1963 | : | 6,241 | 1,893 | 1,757 | 103,156 | 39,109 | 152,156 | 317.0 | 734 | 5,370 | 4,389 | 1,755 | 2,786 | 11,568 | 15,622 | 13,427 | 55,651 | 1159 | 207,807 | 432.9 |
| 1964 | : | 7,607 | 2,329 | 1,599 | 111,881 | 30,693 | 154,109 | 321.1 | 834 | 6,124 | 5,916 | 2,523 | 3,357 | 14,075 | 14,843 | 11,454 | 59,126 | 123.2 | 213,235 | 444.2 |
| 1965 | : | 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 | 10,332 | 53,334 | 121.1 | 173,808 | 362.1 |
| 1964 10/ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| July | : | 715 | 142 | 132 | 7,452 | 1,730 | 10,171 | 21.2 | 65 | 537 | 526 | 214 | 255 | 1,248 | 1,050 | 838 | 4,'733 | 9.9 | 14,904 | 31.0 |
| Aug. | : | 411 | 173 | 140 | 6,170 | 1,504 | 8,398 | 17.5 | 59 | 463 | 433 | 377 | 235 | 1,041 | 1,008 | 702 | 4,312 | 9.0 | 12,710 | 26.5 |
| Sept. | : | 470 | 169 | 104 | 8,194 | 1,950 | 10,887 | 22.7 | 60 | 362 | 594 | 229 | 282 | 989 | 1,093 | 691 | 4,300 | 9.0 | 15,187 | 31.6 |
| Oct. | : | 558 | 238 | 180 | 8,336 | 2,758 | 12,070 | 25.1 | 89 | 643 | 675 | 325 | 284 | 1,072 | 1,039 | 982 | 5,109 | 10.6 | 17,179 | 35.8 |
| Nov. | : | 443 | 151 | 87 | 7,788 | 2,036 | 10,505 | 21.9 | 64 | 548 | 511 | 245 | 274 | 1,021 | 1,243 | 814 | 4,720 | 9.8 | 15,225 | 31.7 |
| Dec. | : | 635 | 178 | 118 | 8,740 | 2,156 | 11,827 | 24.6 | 77 | 650 | 538 | 243 | 297 | 1,289 | 1,643 | 690 | 5,427 | 11.3 | 17,2¢4 | 35.9 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Feb . | : | 525 | 88 | 106 | 5,278 | 1,492 | 7,489 | 15.6 | 46 | 300 | 191 | 162 | 154 | 720 | 756 | 423 | 2,752 | 5.7 | 10,241 | 21.3 |
| Mar. | : | 1,020 | 240 | 126 | 10,135 | 2,875 | 14,396 | 30.0 | 104 | 575 | 603 | 294 | 301 | 2,493 | 1,033 | 1,206 | 6,609 | 13.8 | 21,005 | 43.8 |
| Apr. | : | 761 | 177 | 104 | 8,783 | 3,502 | 13,327 | 27.8 | 62 | 531 | 684 | 256 | 295 | 1,711 | 924 | 875 | 5,338 | 11.1 | 18,665 | 38.9 |
| May | : | 717 | 144 | 100 | 7,246 | 1,777 | 9,984 | 20.8 | 45 | 311 | 466 | 242 | 272 | 1,487 | 827 | 866 | 4,510 | 9.4 | 14,494 | 30.2 |
| June | : | 620 | 117 | 77 | 7,860 | 1,210 | 9,884 | 20.6 | 52 | 300 | 612 | 202 | 187 | 1,054 | 874 | 949 | 4,230 | 8.8 | 14,114 | 29.4 |
| July | : | 537 | 156 | 78 | 6,035 | 1,486 | 8,292 | 17.3 | 77 | 518 | 479 | 175 | 205 | 1,023 | 731 | 1,285 | 4,493 | 9.4 | 12,785 | 26.6 |
| Aug. | : | 577 | 111 | 98 | 6,334 | 1,824 | 8,944 | 18.6 | 64 | 335 | 637 | 233 | 236 | 1,092 | 844 | 963 | 4,404 | 9.2 | 13,348 | 27.8 |
| Sept. | : | 522 | 186 | 98 | 6,940 | 2,311 | 10,057 | 21.0 | 82 | 518 | 691 | 217 | 251 | 1,269 | 752 | 846 | 4,626 | 9.6 | 14,683 | 30.6 |
| Oct. | : | 427 | 126 | 137 | 7,530 | 3,323 | 11,543 | 24.0 | 89 | 494 | 672 | 301 | 268 | 1,342 | 861 | 902 | 4,929 | 10.3 | 16,472 | 34.3 |
| Nov. | : | 378 | 200 | 149 | 8,177 | 2,576 | 11,480 | 23.9 | 95 | 585 | 653 | 323 | 260 | 1,381 | 904 | 780 | 4,981 | 10.4 | 16,461 | 34.3 |
| Dec. | : | 557 | 229 | 87 | 7,570 | 1,879 | 10,322 | 21.5 | 70 | 360 | 567 | 327 | 300 | 1,245 | 878 | 920 | 4,667 | 9.7 | 14,989 | 31.2 |
| 1966 1ㅡ : 440 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jan. | : | 440 | 162 | 127 | 7,108 | 1,225 | 9,062 | 18.9 | 36 | 274 | 288 | 249 | 198 | 1,095 | 761 | 721 | 3,622 | 7.5 | 12,684 | 26.4 |
| Feb. | : | 553 | 172 | 76 | 7,228 | 1,571 | 9,600 | 20.0 | 37 | 313 | 388 | 174 | 201 | 1,322 | 636 | 1,097 | 4,168 | 8.7 | 13,768 | 28.7 |
| Mar. | : | 712 | 160 | 126 | 9,036 | 1,787 | 11,821 | 24.6 | 41 | 378 | 500 | 287 | 291 | 1,996 | 991 | 1,597 | 6,074 | 12.7 | 17,895 | 37.3 |
| Apr. | : | 386 | 205 | 106 | 8,246 | 1,599 | 10,542 | 22.0 | 91 | 388 | 466 | 232 | 253 | 1,655 | 921 | 851 | 4,857 | 10.1 | 15,399 | 32.1 |
| May | : | 540 | 172 | 132 | 8,045 | 1,770 | 10,659 | 22.2 | 79 | 346 | 525 | 249 | 271 | 1,723 | 942 | 876 | 5,010 | 10.4 | 15,669 | 32.6 |
| June | : |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| July | : |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Aug. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sept. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Oct. | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nov. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dec. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1965 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jan. May | : | 3,486 | 706 | 514 | 35,734 | 10,182 | 50,622 | 105.5 | 322 | 1,845 | 2,059 | 1,058 | 1,130 | 6,791 | 4,109 | 3,686 | 21,000 | 43.7 | 71,622 | 149.2 |
| 196611 | : |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Jen.-May | : | 2,631 | 871 | 567 | 39,663 | 7,952 | 51,684 | 107.7 | 284 | 1,692 | 2,167 | 1,191 | 1,214 | 7,791 | 4,250 | 5,142 | 23,731 | 49.4 | 75,415 | 157.1 |

1 Includes fabrics and tire cord and cloth for export to the Philippines to be embroidered and otherwise manufactured and returned to the United states. $2 /$ Includes tape mitts of woven fabric. 5/ Tncludes underwear and outerwear of woven fabric, handkerchiefs, and wearing aparel conteining mixed fibers (corsets, brassieres, and girdles, garters, armbands and suspenders, neckties and cravats). 6/ Includes canvas articles and manufactures, knit fabric in the piece, braids and narrow fabrics, elastic webbing, waterproof garments, and laces and lace articles. 7/ Includes rubberized fabrics, bags, and industrial belts and belting. 8/480 pound net weight bales. 9/For monthly data beginning July 1959, see the Cotton Situation, CS-199, March 1962 and CS-209, November 1963; for annual data prior to l960, see Statistics on Cotton and Related Data, 1925-62, issued April 1963. 10/ Monthly data may not always agree with the annual because of rounding and minor revisions in the annual report. 11/ Prelifinary.
Beginning January 1, 1965, a new classification system for exports was adopted by the Bureau of the Census. Minor differences from earlier groupings may occur because of composition changes.

Table 19.--Cotton: Exports by staple length and by countries of destination, United States,
April and May 1966 and cumulative totals since August 1, 1965

|  | April 1966 |  |  |  | May 1966 |  |  |  | Cumulative totals since August $1_{2} 1965$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\qquad$ | $\begin{aligned} & 1-1 / 8 \\ & : \text { inches } \\ & : \text { and over } \\ & : 1 / \end{aligned}$ | $\begin{aligned} & : 1 \text { inch } \\ & : \text { to } \\ & : \text { inches }_{1}^{1} / 8 \end{aligned}$ | Under <br> 1 inch | Total | $1-1 / 8:$ $:$ inches $:$ $:$ and over $:$ | 1 inch to 1-1/8 inches | Under <br> 1 inch <br> : | : Total | $\begin{aligned} & 1-1 / 8 \\ & : \text { inches } \\ & : \text { and over } \\ & : \quad 1 \end{aligned}$ | $\begin{gathered} 1 \text { inch } \\ \text { to } 1 \text { to } / 8 \\ : \text { inches } \\ \hline \end{gathered}$ | Under <br> 1 inch | Total |
|  | $\begin{aligned} & \text { : Running } \\ & \text { : bales } \end{aligned}$ | Running bales. | Running bales | Ruaning <br> bales | Running <br> bales | Running bales | Running bales | Running bales | Running bales | Running <br> bales | Running <br> bales | Kunning <br> bales |
| Europe | : |  |  |  |  |  |  |  |  |  |  |  |
| United Kingdom | : 516 | 4,197 | 3,422 | 8,135 | 515 | 3,443 | 1,808 | 5,766 | 7,931 | 72,332 | 42,096 | 122,359 |
| Austria | : 0 | 0 | 0 | 0 | 100 | 656 | 0 | 756 | 276 | 1,797 | 0 | 2,073 |
| Belguim and Luxembourg | : 0 | 1,124 | 0 | 1,124 | 137 | 2,100 | 475 | 2,712 | 2,588 | 35,773 | 1,725 | 40,086 |
| Denmark | 0 | 800 | 0 | 800 | 0 | 800 | 0 | 800 | 0 | 6,041 | 0 | 6,041 |
| Ireland (Erie) | - 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,811 | 0 | 2,811 |
| Finland | - 0 | 600 | 1,936 | 2,536 | 0 | 0 | 0 | 0 | 0 | 3,849 | 4,308 | 8,157 |
| France | - 852 | 5,878 | 600 | 7,330 | 240 | 4,774 | 784 | 5,798 | 10,560 | 80,360 | 8,104 | 99,024 |
| Germany (West) | : 200 | 6,550 | 275 | 7,025 | 295 | 4,962 | 245 | 5,502 | 10,300 | 73,838 | 2,052 | 86,190 |
| Italy | : 2,140 | 6,278 | 1,428 | 9,846 | 659 | 11,845 | 2,504 | 15,008 | 7,019 | 73,520 | 14,920 | 95,459 |
| Netherlands | : 783 | 2,304 | 0 | 3,087 | 0 | 1,826 | 0 | 1,826 | 16,640 | 19,669 | 0 | 36,309 |
| Norway | - 0 | 245 | 600 | 845 | 0 | 143 | 299 | 442 | 0 | 7,412 | 2,498 | 9,910 |
| Portugal | : 350 | 0 | 0 | 350 | 0 | 749 | 0 | 749 | 2,115 | 3,410 | 400 | 5,925 |
| Spain | - 304 | 0 | 0 | 304 | 204 | 451 | 131 | 786 | 2,547 | 6,610 | 769 | 9,926 |
| Sweden | - 0 | 3,585 | 811 | 4,396 | 0 | 837 | 307 | 1,144 | 0 | 40,205 | 16,905 | 57,110 |
| Switzerland | : 100 | 796 | 100 | 996 | 300 | 1,121 | 279 | 1,700 | 3,086 | 24,780 | 5,939 | 33,805 |
| Yugoslavia | : 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 293 | 100,701 | 15,748 | 116,742 |
| Other | : 0 | 197 | 0 | 197 | 0 | 0 | 0 | 0 | 706 | 41,649 | 5,274 | 47,629 |
| Total Europe | : 5,245 | 32,554 | 9,172 | 46,971 | 2,450 | 33,707 | 6,832 | 42,989 | 64,061 | 594,757 | 120,738 | 779,556 |
| Other countries | : |  |  |  |  |  |  |  |  |  |  |  |
| Canada | : 200 | 12,437 | 3,466 | 16,103 | 100 | 16,018 | 5,247 | 21,365 | 10,100 | 186,987 | 49,043 | 246,130 |
| Columbia | : 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 396 | 55,990 | 0 | 56,386 |
| Bolivia | : 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 760 | 1,861 | 861 | 3,482 |
| Chile | - 0 | 0 | 0 | 0 | 0 | 110 | 0 | 110 | 1,624 | 125 | 1,098 | 2,847 |
| India | : 1,668 | 10,166 | 0 | 11,834 | 1,050 | 3,430 | 0 | 4,480 | 16,000 | 31,995 | 0 | 47,995 |
| Pakistan | : 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,066 | 1,532 | 0 | 5,598 |
| Indonesia | - 0 | 100 | 200 | 300 | 0 | ${ }^{0}$ | ${ }^{\circ}{ }^{\circ}$ | 0 | 0 | 100 | 200 | 300 |
| Korea | : 1,137 | 11,610 | 8,872 | 21,619 | 1,309 | 16,881 | 18,064 | 36,254 | 6,462 | 100,046 | 145,436 | 251,944 |
| Hong Kong | - 0 | 998 | 6,808 | 7,806 | 0 | 885 | 6,358 | 7,243 | 0 | 10,255 | 76,896 | 87,151 |
| Taiwan | : 193 | 1,096 | 304 | 1,593 | 200 | 6,573 | 10,091 | 16,864 | 5,249 | 54,815 | -97,993 | 158,057 |
| Japan | - 571 | 25,217 | 24,863 | 50,651 | 467 | 22,283 | 36,570 | 59,320 | 3,656 | 199,183 | 456,802 | 659,641 |
| Australia | : 103 | 622 | 410 | 1,135 | 200 | 901 | 1,640 | 2,741 | 1,204 | 16,120 | 13,838 | 31,162 |
| Morocco | : 0 | 0 | 0 | 0 | 0 | 43 | 0 | 43 | 0 | 10,323 | 0 | 10,323 |
| Republic of South Africa | : 0 | 297 | 0 | 297 | 0 | 2,511 | 0 | 2,511 | 1,317 | 17,181 | 6,734 | 25,232 |
| Other | : 1,004 | 8,247 | 9,245 | 18,496 | 25 | 13,451 | 6,689 | 20,165 | 6,785 | 165,941 | 85,066 | 257,792 |
| World Totel | $: 10,121$ | 103,344 | 63,340 | 176,805 | 5,801 | 116,793 | 91,491 | 214,085 | 121,680 | 1,447,211 | 1,054,705 | 2,623,596 |

[^3]Bureau of the Census.

Table 20.--Exports of cotton fron United States, by months, August 1958 to date


1/ Totals were made before rounding.

Bureau of the Census.

Table 21.--Cotton: Average prices I/ of selected growths and qualities, c.i.f. Liverpool, England, annual 1962-65, January-June 1966


1/ Generally for prompt shipment. Prices for certain qualities were computed using value differences. $2 / \mathrm{Not}$ quoted. $3 /$ New crop. Foreign Agricultural Service.

Table ᄅ2.--Cotton: Average prices $1 /$ of selected growths and qualities, c.i.f. Bremen, Germany, annual 1962-65, January-June 1966


Table 23.--Foreign spot prices per pound including export taxes 1/ and U.S. average spot export prices, April, May and June 1966 2/


[^4]Table 24.--Man-made fibers: Production in United States and foreign countries, average, 1947~49, 1950-54 and annual 1954 to date


1/ Includes glass fiber. 2/ Totals were made before data were rounded. *Revised.
The Textile Organon, a publication of the Textile Economics, Bureau, Incorporated.

## OFFICLAL BUSINEES

## NÓTICE

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[^0]:    
     justed for seasonal variation. 9/ Equivalent raw cotton.

[^1]:    Consumer and Marketing Service.

[^2]:    The estimated value of cloth obtainable from a pound of cotton with adjustments for salable waste.
    $\frac{1}{2}$ Monthly average prices for four territory growths, even runninp lots, prompt shipments, delivered at Group 201 (Group B) mill points including landing costs and brokerage. Prioes are for the average quality cotton used in each kind of clott. Beginring August 1964, prices are for cotton after equalization payments of 6.5 cents per pound have been made. The mill margins shown for April-July 1964 do not reflect the 6.5 cents per pound equalization payment made to domestic cotton users on all bales of eligible cotton opened beginning 12:01 A.M. April 11, 1964, through July 31, 1964 ( 5.75 cents beginning August 1965.)
    3/ Markets closed.
    4/ Difference between cloth prices and cotton prices.

[^3]:    1/ Includes American-Egyptian and Sea Island cotton.

[^4]:    1/ Includes export taxes where applicable. 2/ Quotations on net weight basis. $3 \sqrt{\text { Averages of prices collected once each week. 4/ Average } 15 \text { spot market gross }}$ weight price less export payment-in-kind rate per pound, divided by 0.96 to convert price to a net weight basis. 5/ Quality of U.S. cotton generally considered to be most nearly comparable to the foreign cotton. 6/ Matamoros District cotton delivered uncompressed ex-warehouse Brownsville, Texas, Mexican export taxes paid. Het weight price-actual price divided by 0.96. 7/ Based on El Paso market. 8/Based on average of Fresno, Greenwood, Menphis and El Paso markets. 2/ No quotations. 10/ Average of two quotations.
    *Revised

