BUREAU OF THE CENSUS

RICHARD M. SCAMMON, Director
A. ROSS ECKLER, Deputy Director
HOWARD C. GRIEVES, Assistant Director
CONRAD TAEUBER, Assistant Director
MORRIS H. HANSEN, Assistant Director for Statistical Standards
CHARLES B. LAWRENCE, Jr., Assistant Director for Operations
WALTER L. KEHRES, Assistant Director for Administration
CALVERT L. DEDRICK, Chief, International Statistical Programs Office
A. W. VON STRUVE, Acting Public Information Officer

INDUSTRY DIVISION—MAXWELL R. CONKLIN, Chief
AGRICULTURE DIVISION—RAY HURLEY, Chief
FOREIGN TRADE DIVISION—J. EDWARD ELY, Chief

SUGGESTED CITATION
U.S. Bureau of the Census
Cotton production and distribution, year ending July 31, 1960,
Bulletin 197

For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington 25, D.C. • Price 25 cents
CONTENTS

INTRODUCTION ........................................................................................................ VII
Sources of statistics................................................................................................ VII
Units of measure................................................................................................... VII
The “cotton year” ................................................................................................... VII

SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE
UNITED STATES ................................................................................................... 1
Table 1.—Supply and distribution of domestic and foreign cotton in the United States: season of 1959–60. 1
Table 2.—Supply and distribution of cotton: years ending with July, 1938–60. 2
Table 3.—Supply and distribution of linters in the United States: season of 1959–60. 3

COTTON PRODUCTION IN THE UNITED STATES .................................................. 4
Table 4.—Cotton production, by type: crops of 1899–1959. 4
Table 5.—Cotton production and ginnings, and percentage of total ginnings, by State; and State rank according to production: 1956–59. 6
Table 6.—Cotton ginned prior to specified dates, and percent of total ginned prior to each date, for the United States: 1902–59. 9
Table 7.—Cotton ginned prior to specified dates during the season, by State: 1956–59. 12
Table 8.—Percent of total cotton ginned prior to specified dates, by State: 1957–59. 14
Table 9.—Gross weight and estimated value of cotton ginned, and estimated quantity and value of cottonseed, by State: 1956–59. 15
Table 10.—Cotton acreage harvested and ginnings, by State: selected years, 1839–1960. 18

CONSUMPTION AND STOCKS OF COTTON AND LINTERS IN THE UNITED STATES .. 21
Table 11.—Production of cotton in the United States, and consumption of cotton, by area: specified years, 1840–1960. 21
Table 12.—Cotton carryover for the United States: 1909–60. 23
Table 13.—Total cotton, foreign cotton, and linters consumed, and stocks held in consuming establishments: for the United States, 1908–60; and by State, 1957–60. 23
Table 14.—Cotton consumed, and stocks held in consuming establishments, public storage, and at compresses, by kind of cotton and by area: years ending with July, 1957–60. 27
Table 15.—Foreign cotton consumed, by area and country of origin; and stocks of foreign cotton, by country of origin: by month, August 1956 to July 1960. 28
Table 16.—Monthly consumption of cotton, by area and State: August 1956 to July 1960. 30
Table 17.—Monthly consumption of linters, by area, and by type of consumer: August 1956 to July 1960. 32
Table 18.—Stocks of cotton in consuming establishments, public storage, and at compresses at the end of each month, by State: August 1959 to July 1960. 33
Table 19.—Stocks of linters in consuming establishments, public storage, and at compresses at the end of each month, by type of consumer: August 1959 to July 1960. 35

iii
### CONTENTS

**COTTON SPINDLES IN THE UNITED STATES**

Table 20.—Cotton-system spinning spindles in place, active, and idle, and cotton-system spindle hours, by type of fiber spun: for the United States, specified years, 1910–60; and by State, 1957–60... 36

Table 21.—Cotton-system spinning spindles in place on last day of reporting period, and cotton-consuming spindle hours, by area: by month, August 1956 to July 1960... 37

Table 22.—Cotton-system machinery for textile fiber and yarn preparation: December 31, 1958 and 1954... 40

Table 23.—Cotton-system spinning spindles in place, number active by type of fiber spun, and number idle, end of month; and spindle hours, by type of fiber spun: by month, August 1959 to July 1960... 41

Table 24.—Active spindles consuming 100% cotton, by area: by month, August 1956 to July 1960... 42

Table 25.—Index of seasonally adjusted daily average consumption of cotton by month: August 1944 to July 1960... 43

Table 26.—Average consumption of cotton per working day in the United States, and working days per month, August 1945–July 1960... 44

**UNITED STATES IMPORTS AND EXPORTS OF COTTON AND LINTERS**

Table 27.—Imports for consumption of foreign cotton, by country of origin: years ending July 31, 1916–60; and by month, August 1956 to July 1960... 45

Table 28.—Imports for consumption of cotton linters: years ending July 31, 1950–60... 46

Table 28A.—Exports of cotton linters: years ending July 31, 1950–60... 48

Table 29.—Quantity and value of domestic cotton and linters exported: years ending July 31, 1920–60; and by month, August 1956 to July 1960... 49

Table 30.—Exports of domestic cotton, by country of destination: years ending July 31, 1957–60... 50

**COTTONSEED AND COTTONSEED PRODUCTS**

Table 31.—Cottonseed produced and crushed, and crude cottonseed products, produced in the United States: years ending July 31, 1924–60... 51

Table 32.—Cottonseed received and crushed, and stocks at oil mills, by State: by month, August 1959 to July 1960... 52

Table 33.—Cottonseed received and crushed; cottonseed products produced and shipped; and stocks at oil mills: by month, August 1956 to July 1960... 53

Table 34.—Cottonseed received and crushed; cottonseed products produced and shipped; and stocks at oil mills: cumulative by month, August 1956 to July 1960... 54

Table 35.—Crude cottonseed oil produced, by State: by month, August 1959 to July 1960... 55

Table 36.—Cake and meal produced, by State: by month, August 1959 to July 1960... 56

Table 37.—Hulls produced, by State: by month, August 1959 to July 1960... 57

Table 38.—Linters produced, by State: by month, August 1959 to July 1960... 58

Table 39.—Average yield of cottonseed products per ton of cottonseed crushed, by State: years ending July 31, 1957–60... 59
CONTENTS

COTTONSEED AND COTTONSEED PRODUCTS—Continued

Table 40.—Production of linters by type of cut, by State: years ending July 31, 1957-60................. 66

Table 41.—Crude cottonseed oil consumed, and refined oil produced: by month, August 1956 to July 1960........... 67

Table 42.—Exports and imports of cottonseed oil and cottonseed cake and meal: by month, August 1956 to July 1960........... 68

WORLD PRODUCTION, CONSUMPTION, AND STOCKS OF COTTON

Table 43.—World cotton production, by country: years ending July 31, 1939, 1957-60.......................... 70

Table 44.—World cotton stocks, by country: August 1, 1938, 1957-60.. 71

Table 45.—World cotton consumption, by country: years ending July 31, 1939, 1957-60.......................... 72

CHARTS

Chart I.—United States production and imports, consumption, and exports of cotton: years ending with July, 1920-60......................................................... 5

Chart II.—Ginnings, by State: 1950 crop, and 10-year average 1949-58............................................. 8

Chart III.—Cotton acreage harvested, by State: 1959, and 10-year average 1949-58................................. 17

Chart IV.—Cotton carry over for the United States: July 1920-60......................................................... 22

Chart V.—Cotton consumption, by State: year ending July 31, 1960, and 10-year average 1950-59.......................... 26

Chart VI.—Linters consumption in the United States: years ending July 31, 1920-60......................................................... 36

Chart VII.—Cottonseed crushed, by State: year ending July 31, 1960................................................ 55

Chart VIII.—Production at cottonseed oil mills: years ending July 31, 1925-60................................. 64
INTRODUCTION

Sources of Statistics.—The tables in this Bulletin are compiled from semi-monthly and monthly reports issued by the Bureau of the Census. These source publications are listed below:

Report on Cotton Ginning.—Number of bales ginned to the close of business July 31, August 15 and 31, September 15 and 30, October 17 and 31, November 13 and 30, December 12, January 15, and February 28. Issued on eighth day following end of period, or on first succeeding workday when the eighth day falls on Saturday, Sunday, or a holiday.

Cotton, Man-Made Fiber Staple and Linters: Consumption, Stocks, and Cotton System Spinning Activity (Current Industrial Reports series M22P).—Issued 3 weeks after the close of the period. An annual supplement, Supply and Distribution of Cotton and Linters in the United States, is released about August 17.

United States Imports for Consumption of Merchandise: Commodity by Country of Origin (Report No. FT 110).—Issued on or about the twenty-eighth of each month.

United States Exports of Domestic and Foreign Merchandise: Commodity by Country of Destination (Report No. FT 410).—Issued on or about the twenty-eighth of each month.

Fats and Oils: Vegetable Oil Crushers (Current Industrial Reports series M20J).—Issued monthly.

Fats and Oils: Factory Production, Consumption: Factory and Warehouse Stocks (Current Industrial Reports series M20K).—Issued monthly.

Data on world production, consumption, and stocks of cotton are taken from the quarterly statistical bulletin issued by the International Cotton Advisory Committee, Washington, D. C.

Some of the statistics appearing in this Bulletin are revisions of preliminary data previously published in the foregoing releases and reports.

Units of Measure.—American cotton is reported in these tables in running bales, except that production and consumption for 1870 and prior years are expressed in equivalent 500-pound gross bales. No round bales have been reported since 1941; prior to 1941, round bales were counted as half bales.

Foreign cotton is shown in equivalent 500-pound gross bales. Consumption and stocks of foreign cotton were reported to the Census Bureau in running bales; in converting these data to 500-pound bale equivalents, the average bale weight of Egyptian cotton is assumed to be 725 pounds; Sudanese cotton, 435 pounds; Indian cotton, 400 pounds; Peruvian cotton, 375 pounds in 1946 and prior years, 587 pounds thereafter; and other foreign cotton, 500 pounds.

Cottonseed is reported in tons of 2,000 pounds, and cottonseed products (except linters) are expressed in pounds or in tons. Linters prior to 1959 are reported in running bales, and for 1959 and 1960 linters are reported in 600-pound bales. Imports of linters are shown in equivalent 500-pound gross bales.

The term “cotton” excludes linters except as noted.

The “Cotton Year.”—Cotton grown in the northern hemisphere is ordinarily planted in March, April, and May, and the bulk of the crop is picked during September, October, and November. Cotton production is reported in this
Bulletin by "year of growth"—that is, the calendar year in which the crop is planted and picked.

Ginning of each cotton crop begins in mid-July, continues through the autumn and winter, and is substantially completed by the following February. The crop grown in any calendar year thus moves into consumption or into stocks during the 12 months beginning on August 1 of the year of growth. The 1945 crop, for instance, was ginned and passed into consumption during the year which began August 1, 1945.

To conform to this timetable, annual statistics on consumption and stocks of cotton and linters, and on cottonseed and cottonseed products, are shown in this Bulletin for the 12-month period ending with July, rather than for the calendar year. Data for 1914 and prior years relate to the year ending August 31.

Annual stocks data in the following tables relate to stocks at the end of July (prior to 1915, August 31). Monthly figures show stocks on the last day of the period specified.

Stocks of cotton or linters on hand at the end of July, are commonly called "carryover." Stocks are generally at their lowest level at this time; 12 months have elapsed since the previous harvest, and only an insignificant share of the new harvest has yet been ginned.

Prior to 1950, cotton and linters consumption and stocks data were collected on a calendar month basis. Beginning with January 1950, the monthly data are for 4- or 5-week periods closely corresponding with the calendar month period. This change was made as a result of a survey of mills, warehouses and compresses which indicated that the majority of these establishments kept their records on a weekly basis rather than on a calendar month basis.

The 1960-61 and 1959-60 periods are listed below:

<table>
<thead>
<tr>
<th>Month</th>
<th>1960-61</th>
<th>1959-60</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Weeks</td>
<td>Period covered</td>
</tr>
<tr>
<td>August</td>
<td>4</td>
<td>July 31–Aug. 27.</td>
</tr>
<tr>
<td>September</td>
<td>5</td>
<td>Aug. 28–Oct. 1.</td>
</tr>
<tr>
<td>November</td>
<td>4</td>
<td>Oct. 30–Nov. 28.</td>
</tr>
<tr>
<td>December</td>
<td>5</td>
<td>Nov. 27–Dec. 31.</td>
</tr>
<tr>
<td>March</td>
<td>5</td>
<td>Feb. 25–Apr. 1.</td>
</tr>
<tr>
<td>April</td>
<td>4</td>
<td>Apr. 2–Apr. 29.</td>
</tr>
<tr>
<td>May</td>
<td>4</td>
<td>Apr. 30–May 27.</td>
</tr>
<tr>
<td>June</td>
<td>5</td>
<td>May 28–July 1.</td>
</tr>
</tbody>
</table>