



# Cotton System Consumption and Stocks

ISSN: 2378-2471

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Released November 1, 2024, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## Highlights

**August 2024** contained 31 days.

**September 2024** contained 30 days.

**Extra long staple cotton** consumed on the cotton system was 422,000 pounds in September 2024, down 33 percent from August 2024 but up 63 percent from September 2023. September 2024 stocks on hand on the last Saturday of the month totaled 307,000 pounds, down 37 percent from August 2024 and down 75 percent from September 2023.

**Total Manmade fiber** consumed on the cotton system was 21.7 million pounds during September 2024, up 3 percent from August 2024 and up 10 percent from September 2023. Of the total manmade fiber consumed, 95 percent was polyester staple.

**Total number of spindles** on the cotton system was 753,000 during September 2024. Active spindles consuming 100 percent cotton was 427,000 in September 2024, up less than 1 percent from August 2024 but down 10 percent from September 2023.

## Consumption and Stocks – United States: September 2024 with Comparisons

| Item  | September 2023 | August 2024 | September 2024 |
|---|----------------|-------------|----------------|
| <b>Extra long staple</b>                                      |                |             |                |
| Consumed  |                |             |                |
| Running bales .....number                                     | 527            | 1,271       | 854            |
| Weight .....1,000 pounds                                      | 259            | 631         | 422            |
| Stocks on hand (last Saturday of the month)                   |                |             |                |
| Running bales .....number                                     | 2,463          | 970         | 616            |
| Weight .....1,000 pounds                                      | 1,222          | 484         | 307            |
| <b>Rayon and acetate staple</b>                               |                |             |                |
| Consumed .....1,000 pounds                                    | 389            | 741         | 404            |
| Stocks on hand (last Saturday of the month) .....1,000 pounds | 3,609          | 3,603       | 3,938          |
| <b>Polyester staple</b>                                       |                |             |                |
| Consumed .....1,000 pounds                                    | 18,780         | 19,560      | 20,731         |
| Stocks on hand (last Saturday of the month) .....1,000 pounds | 28,757         | 24,365      | 26,023         |
| <b>Other manmade fiber staple</b>                             |                |             |                |
| Consumed .....1,000 pounds                                    | 654            | 739         | 580            |
| Stocks on hand (last Saturday of the month) .....1,000 pounds | 1,409          | 1,494       | 1,852          |

## Spindles in Place, Active Spindles and Spindle Hours Operated – United States: September 2024 with Comparisons

| Item   | September 2023 | August 2024 | September 2024 |
|--|----------------|-------------|----------------|
| <b>Cotton-system spindles in place</b>           |                |             |                |
| Ring spindles .....1,000                         | 592            | 520         | 520            |
| Airjet spindles .....1,000                       | 20             | 20          | 20             |
| Open-end spindles .....1,000                     | 213            | 213         | 213            |
| <b>Cotton-system spindles active</b>             |                |             |                |
| Spindles consuming 100% cotton .....1,000        | 476            | 425         | 427            |
| million hours                                    | 333            | 265         | 292            |
| Spindles consuming 100% manmade fiber .....1,000 | 30             | 15          | 13             |
| million hours                                    | 15             | 6           | 4              |
| Spindles consuming mixtures or blends .....1,000 | 250            | 243         | 237            |
| million hours                                    | 129            | 134         | 124            |

## Statistical Methodology

**Survey Procedures:** *Cotton System Consumption and Stocks* is part of the Current Agricultural Industrial Reports (CAIR) program. CAIR reports are administered under NASS's Census of Agriculture program. Response to CAIR surveys are required by law (Title 7, U.S. Code). Data are collected from all known mills that consume cotton.

The census universe was determined during operation profile interviews which were completed for each potential facility to identify the presence of cotton consumption and spindle activity in 2014.

In the Cotton and Manmade Fiber Staple survey questionnaires, mills are asked for previous calendar month data on cotton and manmade fiber consumed, stocks and spindle activity. Mills are mailed questionnaires with the options of completing the survey by mail or by Electronic Data Reporting (EDR). For surveys not received in a reasonable amount of time, telephone follow-up is conducted.

**Estimating Procedures:** Imputation is done for operations with non-response by using historical data and current data relationships. Data for reporting firms are added to estimates for non-reporting firms to obtain National totals.

**Revision Policy:** Data are revised the following month based on late reports or corrected data. Final figures are published in the annual summary of the following year.

**Reliability:** Approximately 50 reports are received each month which represent about 95 percent of total spindles. Monthly data can vary due to different firms reporting month to month. Survey data are also subject to non-sampling errors such as omissions and mistakes in reporting and in processing the data. While these errors cannot be measured directly, they are minimized by carefully reviewing all reported data for consistency and reasonableness.

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@usda.gov](mailto:nass@usda.gov).

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| Michelle Harder – Hay, Peanuts .....   | (202) 690-8533 |
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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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