



# Cotton System Consumption and Stocks

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## Highlights

**August 2023** contained 31 days.

**September 2023** contained 30 days.

**Extra long staple cotton** consumed on the cotton system was 259,000 pounds in September 2023, up 30 percent from August 2023 but down 47 percent from September 2022. September 2023 stocks on hand on the last Saturday of the month totaled 1.22 million pounds, up 10 percent from August 2023 but down 37 percent from September 2022.

**Total Manmade fiber** consumed on the cotton system was 19.8 million pounds during September 2023, up 17 percent from August 2023 but down 35 percent from September 2022. Of the total manmade fiber consumed, 95 percent was polyester staple.

**Total number of spindles** on the cotton system was 825,000 during September 2023. Active spindles consuming 100 percent cotton was 476,000 in September 2023, down 9 percent from August 2023 and down 18 percent from September 2022.

## Consumption and Stocks – United States: September 2023 with Comparisons

Item	September 2022	August 2023	September 2023
<b>Extra long staple</b>			
Consumed			
Running bales .....number	989	409	527
Weight .....1,000 pounds	491	199	259
Stocks on hand (last Saturday of the month)			
Running bales .....number	3,901	2,240	2,463
Weight .....1,000 pounds	1,940	1,111	1,222
<b>Rayon and acetate staple</b>			
Consumed .....1,000 pounds	501	541	389
Stocks on hand (last Saturday of the month) .....1,000 pounds	(D)	3,768	3,609
<b>Polyester staple</b>			
Consumed .....1,000 pounds	28,792	15,572	18,780
Stocks on hand (last Saturday of the month) .....1,000 pounds	33,115	27,215	28,757
<b>Other manmade fiber staple</b>			
Consumed .....1,000 pounds	1,345	775	654
Stocks on hand (last Saturday of the month) .....1,000 pounds	1,923	1,442	1,409

(D) Withheld to avoid disclosing data for individual operations.

## Spindles in Place, Active Spindles and Spindle Hours Operated – United States: September 2023 with Comparisons

Item	September 2022	August 2023	September 2023
<b>Cotton-system spindles in place</b>			
Ring spindles .....1,000	713	686	592
Airjet spindles .....1,000	20	20	20
Open-end spindles .....1,000	263	237	213
<b>Cotton-system spindles active</b>			
Spindles consuming 100% cotton .....1,000	579	521	476
million hours	390	372	333
Spindles consuming 100% manmade fiber .....1,000	45	26	30
million hours	21	15	15
Spindles consuming mixtures or blends .....1,000	323	326	250
million hours	189	187	129

## 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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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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