



# Cotton System Consumption and Stocks

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## Highlights

**March 2023** contained 31 days.

**April 2023** contained 30 days.

**Extra long staple cotton** consumed on the cotton system was 311,000 pounds in April 2023, up 23 percent from March 2023 but down 31 percent from April 2022. April 2023 stocks on hand on the last Saturday of the month totaled 1.38 million pounds, down 15 percent from March 2023 and down 29 percent from April 2022.

**Total Manmade fiber** consumed on the cotton system was 28.0 million pounds during April 2023, down 6 percent from March 2023 and down 16 percent from April 2022. Of the total manmade fiber consumed, 94 percent was polyester staple.

**Total number of spindles** on the cotton system was 946,000 during April 2023. Active spindles consuming 100 percent cotton was 533,000 in April 2023, up 3 percent from March 2023 but down 11 percent from April 2022.

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

Item	April 2022	March 2023	April 2023
<b>Extra long staple</b>			
Consumed			
Running bales .....number	899	510	626
Weight .....1,000 pounds	449	253	311
Stocks on hand (last Saturday of the month)			
Running bales .....number	3,914	3,266	2,773
Weight .....1,000 pounds	1,944	1,621	1,376
<b>Rayon and acetate staple</b>			
Consumed .....1,000 pounds	1,219	790	716
Stocks on hand (last Saturday of the month) .....1,000 pounds	(D)	4,406	4,184
<b>Polyester staple</b>			
Consumed .....1,000 pounds	30,709	27,821	26,171
Stocks on hand (last Saturday of the month) .....1,000 pounds	22,676	29,666	30,144
<b>Other manmade fiber staple</b>			
Consumed .....1,000 pounds	1,537	1,168	1,101
Stocks on hand (last Saturday of the month) .....1,000 pounds	1,986	1,882	1,666

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

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

Item	April 2022	March 2023	April 2023
<b>Cotton-system spindles in place</b>			
Ring spindles .....1,000	749	713	686
Airjet spindles .....1,000	20	20	20
Open-end spindles .....1,000	263	240	240
<b>Cotton-system spindles active</b>			
Spindles consuming 100% cotton .....1,000	600	518	533
.....million hours	(D)	321	328
Spindles consuming 100% manmade fiber .....1,000	40	26	24
.....million hours	21	15	11
Spindles consuming mixtures or blends .....1,000	346	371	327
.....million hours	220	215	149

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

## 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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