



Cotton System Consumption and Stocks

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Highlights

July 2023 contained 31 days.

August 2023 contained 31 days.

Extra long staple cotton consumed on the cotton system was 199,000 pounds in August 2023 down 53 percent from August 2022. August 2023 stocks on hand on the last Saturday of the month totaled 1.11 million pounds down 50 percent from August 2022.

Total Manmade fiber consumed on the cotton system was 16.9 million pounds during August 2023, up 7 percent from July 2023 but down 47 percent from August 2022. Of the total manmade fiber consumed, 92 percent was polyester staple.

Total number of spindles on the cotton system was 940,000 during August 2023. Active spindles consuming 100 percent cotton was 521,000 in August 2023, down 1 percent from July 2023 and down 11 percent from August 2022.

Consumption and Stocks – United States: August 2023 with Comparisons

Item	August 2022	July 2023	August 2023
Extra long staple			
Consumed			
Running balesnumber	858	(D)	409
Weight1,000 pounds	426	(D)	199
Stocks on hand (last Saturday of the month)			
Running balesnumber	4,444	2,977	2,240
Weight1,000 pounds	2,210	1,475	1,111
Rayon and acetate staple			
Consumed1,000 pounds	409	409	541
Stocks on hand (last Saturday of the month)1,000 pounds	(D)	3,682	3,768
Polyester staple			
Consumed1,000 pounds	29,829	14,773	15,572
Stocks on hand (last Saturday of the month)1,000 pounds	29,709	26,857	27,215
Other manmade fiber staple			
Consumed1,000 pounds	1,806	594	775
Stocks on hand (last Saturday of the month)1,000 pounds	1,629	1,523	1,442

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

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

Item	August 2022	July 2023	August 2023
Cotton-system spindles in place			
Ring spindles1,000	713	686	686
Airjet spindles1,000	20	20	20
Open-end spindles1,000	263	234	234
Cotton-system spindles active			
Spindles consuming 100% cotton1,000	586	526	521
.....million hours	(D)	(D)	372
Spindles consuming 100% manmade fiber1,000	43	28	26
.....million hours	22	14	15
Spindles consuming mixtures or blends1,000	318	319	323
.....million hours	194	153	187

(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

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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.

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