



Cotton System Consumption and Stocks

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Highlights

April 2023 contained 30 days.

May 2023 contained 31 days.

Extra long staple cotton consumed on the cotton system was 129,000 pounds in May 2023, down 59 percent from April 2023 and down 54 percent from May 2022. May 2023 stocks on hand on the last Saturday of the month totaled 1.42 million pounds, up 3 percent from April 2023 but down 30 percent from May 2022.

Total Manmade fiber consumed on the cotton system was 22.0 million pounds during May 2023, down 21 percent from April 2023 and down 34 percent from May 2022. Of the total manmade fiber consumed, 92 percent was polyester staple.

Total number of spindles on the cotton system was 940,000 during May 2023. Active spindles consuming 100 percent cotton was 532,000 in May 2023, down less than 1 percent from April 2023 and down 11 percent from May 2022.

Consumption and Stocks – United States: May 2023 with Comparisons

Item	May 2022	April 2023	May 2023
Extra long staple			
Consumed			
Running balesnumber	558	626	262
Weight1,000 pounds	278	311	129
Stocks on hand (last Saturday of the month)			
Running balesnumber	4,045	2,773	2,857
Weight1,000 pounds	2,012	1,376	1,417
Rayon and acetate staple			
Consumed1,000 pounds	972	716	743
Stocks on hand (last Saturday of the month)1,000 pounds	(D)	4,184	4,021
Polyester staple			
Consumed1,000 pounds	30,576	26,171	20,263
Stocks on hand (last Saturday of the month)1,000 pounds	22,162	30,144	20,098
Other manmade fiber staple			
Consumed1,000 pounds	1,688	1,101	1,033
Stocks on hand (last Saturday of the month)1,000 pounds	2,017	1,666	1,418

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

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

Item	May 2022	April 2023	May 2023
Cotton-system spindles in place			
Ring spindles1,000	749	686	686
Airjet spindles1,000	20	20	20
Open-end spindles1,000	263	234	234
Cotton-system spindles active			
Spindles consuming 100% cotton1,000	596	533	532
.....million hours	(D)	328	358
Spindles consuming 100% manmade fiber1,000	37	24	24
.....million hours	18	11	12
Spindles consuming mixtures or blends1,000	341	327	320
.....million hours	215	149	144

(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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