



Cotton System Consumption and Stocks

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Highlights

November 2022 contained 30 days.

December 2022 contained 31 days.

Extra long staple cotton consumed on the cotton system was 225,000 pounds in December 2022, down 15 percent from November 2022 and down 61 percent from December 2021. December 2022 stocks on hand on the last Saturday of the month totaled 1.78 million pounds, up 5 percent from November 2022 but down 20 percent from December 2021.

Total Manmade fiber consumed on the cotton system was 22.7 million pounds during December 2022, down 16 percent from November 2022 and down 27 percent from December 2021. Of the total manmade fiber consumed, 95 percent was polyester staple.

Total number of spindles on the cotton system was 985,000 during December 2022. Active spindles consuming 100 percent cotton was 538,000 in December 2022, down 5 percent from November 2022 and down 12 percent from December 2021.

Consumption and Stocks – United States: December 2022 with Comparisons

Item	December 2021	November 2022	December 2022
Extra long staple			
Consumed			
Running balesnumber	1,183	532	449
Weight1,000 pounds	583	265	225
Stocks on hand (last Saturday of the month)			
Running balesnumber	4,533	3,435	3,587
Weight1,000 pounds	2,242	1,707	1,784
Rayon and acetate staple			
Consumed1,000 pounds	857	380	166
Stocks on hand (last Saturday of the month)1,000 pounds	(D)	(D)	(D)
Polyester staple			
Consumed1,000 pounds	28,686	25,561	21,692
Stocks on hand (last Saturday of the month)1,000 pounds	24,690	29,951	30,001
Other manmade fiber staple			
Consumed1,000 pounds	1,483	1,266	880
Stocks on hand (last Saturday of the month)1,000 pounds	1,723	1,811	1,810

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

Spindles in Place, Active Spindles and Spindle Hours Operated – United States: December 2022 with Comparisons

Item	December 2021	November 2022	December 2022
Cotton-system spindles in place			
Ring spindles1,000	749	713	713
Airjet spindles1,000	20	20	20
Open-end spindles1,000	267	252	252
Cotton-system spindles active			
Spindles consuming 100% cotton1,000	613	564	538
.....million hours	423	321	254
Spindles consuming 100% manmade fiber1,000	32	37	33
.....million hours	13	16	12
Spindles consuming mixtures or blends1,000	356	335	307
.....million hours	214	156	112

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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