



Cotton System Consumption and Stocks

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Highlights

January 2023 contained 31 days.

February 2023 contained 28 days.

Extra long staple cotton consumed on the cotton system was 346,000 pounds in February 2023, down 13 percent from January 2023 and down 25 percent from February 2022. February 2023 stocks on hand on the last Saturday of the month totaled 1.62 million pounds, down 4 percent from January 2023 and down 26 percent from February 2022.

Total Manmade fiber consumed on the cotton system was 29.6 million pounds during February 2023, up 5 percent from January 2023 but down 12 percent from February 2022. Of the total manmade fiber consumed, 93 percent was polyester staple.

Total number of spindles on the cotton system was 973,000 during February 2023. Active spindles consuming 100 percent cotton was 524,000 in February 2023, down 8 percent from January 2023 and down 15 percent from February 2022.

Consumption and Stocks – United States: February 2023 with Comparisons

Item	February 2022	January 2023	February 2023
Extra long staple			
Consumed			
Running balesnumber	932	794	697
Weight1,000 pounds	464	397	346
Stocks on hand (last Saturday of the month)			
Running balesnumber	4,431	3,396	3,257
Weight1,000 pounds	2,197	1,687	1,616
Rayon and acetate staple			
Consumed1,000 pounds	1,017	560	715
Stocks on hand (last Saturday of the month)1,000 pounds	2,013	5,032	4,631
Polyester staple			
Consumed1,000 pounds	31,202	26,084	27,501
Stocks on hand (last Saturday of the month)1,000 pounds	21,317	33,981	29,517
Other manmade fiber staple			
Consumed1,000 pounds	1,521	1,505	1,406
Stocks on hand (last Saturday of the month)1,000 pounds	1,845	1,815	2,020

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

Item	February 2022	January 2023	February 2023
Cotton-system spindles in place			
Ring spindles1,000	749	713	713
Airjet spindles1,000	20	20	20
Open-end spindles1,000	267	252	240
Cotton-system spindles active			
Spindles consuming 100% cotton1,000	613	568	524
million hours	404	376	296
Spindles consuming 100% manmade fiber1,000	31	31	28
million hours	13	16	14
Spindles consuming mixtures or blends1,000	348	339	369
million hours	205	190	206

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

Lance Honig, Chief, Crops Branch.....	(202) 720-2127
Chris Hawthorn, Head, Field Crops Section	(202) 720-2127
Irwin Anolik – Crop Progress and Condition.....	(202) 720-7621
Joshua Bates – Hemp, Oats, Soybeans.....	(202) 690-3234
Natasha Bruton – Barley, Cotton System Consumption, and Stocks, Grain Crushings	(202) 690-1042
David Colwell – Fats and Oils, Flour Milling Products	(202) 720-8800
Michelle Harder –County Estimates, Hay.....	(202) 690-8533
James Johanson – Rye, Wheat.....	(202) 720-8068
Chris Hawthorn – Corn, Flaxseed, Proso Millet.....	(202) 720-2127
Becky Sommer – Cotton, Cotton Ginnings, Sorghum.....	(202) 720-5944
Travis Thorson – Sunflower, Other Oilseeds	(202) 720-7369
Lihan Wei – Peanuts, Rice.....	(202) 720-7688

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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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