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Cotton System Consumption and Stocks 2023 Summary

March 2024

USDA



2023 Cotton System Consumption and Stocks

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2023 Annual Summary of the Cotton System Consumption and Stocks contains data and annual totals for January through December 2023.

Extra long staple cotton consumed on the cotton system was 3.17 million pounds in 2023, down 33 percent from 2022.

Consumption and Stocks – United States: 2023

Item	January 2023	February 2023	March 2023	April 2023	May 2023	June 2023	July 2023
Extra long staple							
Consumed							
Running balesnumber	794	697	510	626	262	(D)	(D)
Weight1,000 pounds	397	346	253	311	129	(D)	(D)
Stocks on hand ¹							
Running balesnumber	3,396	3,257	3,266	2,773	2,857	2,853	2,977
Weight1,000 pounds	1,687	1,616	1,621	1,376	1,417	1,414	1,475
Rayon and acetate staple							
Consumed1,000 pounds	560	715	790	716	743	635	409
Stocks on hand ¹1,000 pounds	5,032	4,631	4,406	4,184	4,021	3,729	3,682
Polyester staple							
Consumed1,000 pounds	26,084	27,501	27,821	26,171	24,025	25,330	14,773
Stocks on hand ¹1,000 pounds	33,981	29,517	29,666	30,144	23,365	27,315	26,857
Other manmade fiber staple							
Consumed1,000 pounds	1,505	1,406	1,168	1,101	1,033	1,085	594
Stocks on hand ¹1,000 pounds	1,815	2,020	1,882	1,666	1,418	935	1,523

See footnote(s) at end of table.

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

Item	January 2023	February 2023	March 2023	April 2023	May 2023	June 2023	July 2023
Cotton-system spindles in place							
Ring spindles1,000	713	713	713	686	686	686	686
Airjet spindles1,000	20	20	20	20	20	20	20
Open-end spindles1,000	252	240	240	234	234	234	234
Cotton-system spindles active							
Spindles consuming							
100% cotton1,000	568	524	518	533	532	533	526
million hours	376	296	321	328	358	375	(D)
Spindles consuming							
100% manmade fiber1,000	31	28	26	24	24	26	28
million hours	16	14	15	11	12	13	14
Spindles consuming							
mixtures or blends1,000	339	369	371	327	320	316	319
million hours	190	206	215	149	144	175	153

See footnote(s) at end of table.

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Consumption and Stocks – United States: 2023 (continued)

Item	August 2023	September 2023	October 2023	November 2023	December 2023	Total 2023
Extra long staple						
Consumed						
Running balesnumber	409	527	523	615	934	6,404
Weight1,000 pounds	199	259	260	304	463	3,166
Stocks on hand ¹						
Running balesnumber	2,240	2,463	2,375	2,204	2,011	(X)
Weight1,000 pounds	1,111	1,222	1,177	959	999	(X)
Rayon and acetate staple						
Consumed1,000 pounds	541	389	(D)	385	350	(D)
Stocks on hand ¹1,000 pounds	3,768	3,609	3,533	3,584	3,513	(X)
Polyester staple						
Consumed1,000 pounds	15,572	18,780	14,461	13,581	13,626	247,725
Stocks on hand ¹1,000 pounds	27,215	28,757	28,225	28,264	27,594	(X)
Other manmade fiber staple						
Consumed1,000 pounds	775	654	855	659	513	11,348
Stocks on hand ¹1,000 pounds	1,442	1,409	1,398	1,333	1,326	(X)

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

(X) Not applicable.

¹ Last Saturday of the month.

Spindles in Place, Active Spindles and Spindle Hours Operated – United States: 2023 (continued)

Item	August 2023	September 2023	October 2023	November 2023	December 2023	Total 2023
Cotton-system spindles in place						
Ring spindles1,000	686	592	592	592	592	(X)
Airjet spindles1,000	20	20	20	20	20	(X)
Open-end spindles1,000	237	213	213	213	213	(X)
Cotton-system spindles active						
Spindles consuming						
100% cotton1,000	521	476	476	477	412	(X)
million hours	372	333	335	312	182	(X)
Spindles consuming						
100% manmade fiber1,000	26	30	30	21	19	(X)
million hours	15	15	16	10	7	(X)
Spindles consuming						
mixtures or blends1,000	326	250	259	258	195	(X)
million hours	187	129	147	133	69	(X)

(X) Not applicable.

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

Chris Hawthorn, Acting Chief, Crops Branch.....	(202) 720-2127
Travis Thorson, Acting 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
Greg Lemmons – Corn, Flaxseed, Proso Millet	(202) 720-9526
Becky Sommer – Cotton, Cotton Ginnings, Sorghum.....	(202) 720-5944
Travis Thorson – Sunflower, Other Oilseeds	(202) 720-7369
Travis Thorson – Peanuts, Rice	(202) 720-2127

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

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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