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Cotton System Consumption and Stocks 2022 Summary

March 2023

USDA



2022 Cotton System Consumption and Stocks

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2022 Annual Summary of the Cotton System Consumption and Stocks contains data and annual totals for January through December 2022.

Extra long staple cotton consumed on the cotton system was 4.69 million pounds in 2022, down 37 percent from 2021.

Consumption and Stocks – United States: 2022

Item	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022
Extra long staple							
Consumed							
Running balesnumber	1,180	932	989	899	558	678	613
Weight1,000 pounds	584	464	494	449	278	339	305
Stocks on hand ¹							
Running balesnumber	4,556	4,431	4,074	3,914	4,045	4,101	4,565
Weight1,000 pounds	2,255	2,197	2,021	1,944	2,012	2,038	2,266
Rayon and acetate staple							
Consumed1,000 pounds	1,120	1,017	1,309	1,219	972	692	459
Stocks on hand ¹1,000 pounds	2,237	2,013	(D)	(D)	(D)	(D)	(D)
Polyester staple							
Consumed1,000 pounds	31,626	31,202	30,891	30,709	30,576	30,106	31,664
Stocks on hand ¹1,000 pounds	21,276	21,317	21,195	22,676	22,162	27,274	26,299
Other manmade fiber staple							
Consumed1,000 pounds	1,694	1,521	1,629	1,537	1,688	1,971	1,727
Stocks on hand ¹1,000 pounds	1,779	1,845	1,847	1,986	2,017	2,234	2,113

See footnote(s) at end of table.

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

Item	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022
Cotton-system spindles in place							
Ring spindles1,000	749	749	749	749	749	749	713
Airjet spindles1,000	20	20	20	20	20	20	20
Open-end spindles1,000	267	267	267	263	263	263	263
Cotton-system spindles active							
Spindles consuming							
100% cotton1,000	609	613	610	600	596	589	592
million hours	439	404	448	(D)	(D)	421	(D)
Spindles consuming							
100% manmade fiber1,000	29	31	30	40	37	39	39
million hours	14	13	15	21	18	20	19
Spindles consuming							
mixtures or blends1,000	360	348	353	346	341	348	324
million hours	230	205	233	220	215	225	198

See footnote(s) at end of table.

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Consumption and Stocks – United States: 2022 (continued)

Item	August 2022	September 2022	October 2022	November 2022	December 2022	Total 2022
Extra long staple						
Consumed						
Running balesnumber	858	989	732	532	463	9,423
Weight1,000 pounds	426	491	365	265	232	4,692
Stocks on hand ¹						
Running balesnumber	4,444	3,901	3,775	3,435	3,512	(X)
Weight1,000 pounds	2,210	1,940	1,878	1,707	1,746	(X)
Rayon and acetate staple						
Consumed1,000 pounds	409	501	378	380	219	8,675
Stocks on hand ¹1,000 pounds	(D)	(D)	(D)	(D)	(D)	(X)
Polyester staple						
Consumed1,000 pounds	29,829	28,792	30,025	25,561	21,695	352,676
Stocks on hand ¹1,000 pounds	29,709	33,115	31,905	29,951	29,995	(X)
Other manmade fiber staple						
Consumed1,000 pounds	1,806	1,345	1,373	1,266	890	18,447
Stocks on hand ¹1,000 pounds	1,629	1,923	2,354	1,811	1,827	(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: 2022 (continued)

Item	August 2022	September 2022	October 2022	November 2022	December 2022	Total 2022
Cotton-system spindles in place						
Ring spindles1,000	713	713	713	713	713	(X)
Airjet spindles1,000	20	20	20	20	20	(X)
Open-end spindles1,000	263	263	252	252	252	(X)
Cotton-system spindles active						
Spindles consuming						
100% cotton1,000	586	579	577	564	538	(X)
million hours	(D)	390	361	321	254	(X)
Spindles consuming						
100% manmade fiber1,000	43	45	41	37	35	(X)
million hours	22	21	21	16	16	(X)
Spindles consuming						
mixtures or blends1,000	318	323	319	335	307	(X)
million hours	194	189	169	156	112	(X)

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

(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

Lance Honig, Chief, Crops Branch	(202) 720-2127
Chris Hawthorn, Head, Field Crops Section	(202) 720-2127
Irwin Anolik – Crop Weather	(202) 720-7621
Joshua Bates – Hemp, Oats, Soybeans.....	(202) 690-3234
David Colwell – Current Agricultural Industrial Reports.....	(202) 720-8800
Michelle Harder – Barley, 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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- 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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