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Cotton System Consumption and Stocks 2024 Summary

March 2025

USDA



2024 Cotton System Consumption and Stocks

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2024 Annual Summary of the Cotton System Consumption and Stocks contains data and annual totals for January through December 2024.

Extra long staple cotton consumed on the cotton system was 4.64 million pounds in 2024, down 46 percent from 2023.

Consumption and Stocks – United States: 2024

Item	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	July 2024
Extra long staple							
Consumed							
Running balesnumber	1,168	1,018	724	643	728	870	1,402
Weight1,000 pounds	584	509	362	322	364	435	701
Stocks on hand ¹							
Running balesnumber	1,440	1,070	1,308	1,222	1,276	1,062	968
Weight1,000 pounds	720	535	654	611	638	531	484
Rayon and acetate staple							
Consumed1,000 pounds	502	309	349	388	516	507	565
Stocks on hand ¹1,000 pounds	3,535	3,516	(D)	(D)	(D)	(D)	3,506
Polyester staple							
Consumed1,000 pounds	15,000	12,370	13,364	14,568	13,026	17,243	11,679
Stocks on hand ¹1,000 pounds	27,512	28,405	26,845	25,198	24,693	25,770	27,222
Other manmade fiber staple							
Consumed1,000 pounds	547	606	616	729	786	837	772
Stocks on hand ¹1,000 pounds	1,314	1,249	1,205	1,192	1,228	1,509	1,545

See footnote(s) at end of table.

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Spindles in Place, Active Spindles and Spindle Hours Operated – United States: 2024

Item	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	July 2024
Cotton-system spindles in place							
Ring spindles 1,000	520	520	520	520	520	520	520
Airjet spindles 1,000	20	20	20	20	20	20	20
Open-end spindles 1,000	213	213	213	213	213	213	213
Cotton-system spindles active							
Spindles consuming							
100% cotton 1,000 million hours	409	415	413	408	407	426	424
Spindles consuming							
100% manmade fiber 1,000 million hours	291	282	287	307	267	265	288
Spindles consuming							
100% manmade fiber 1,000 million hours	19	22	22	27	25	20	19
Spindles consuming							
mixtures or blends 1,000 million hours	10	9	9	13	16	9	8
Spindles consuming							
mixtures or blends 1,000 million hours	263	254	255	253	255	240	245
Spindles consuming							
mixtures or blends 1,000 million hours	149	140	142	158	136	126	136

See footnote(s) at end of table.

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Consumption and Stocks – United States: 2024 (continued)

Item	August 2024	September 2024	October 2024	November 2024	December 2024	Total 2024
Extra long staple						
Consumed						
Running balesnumber	1,276	852	178	194	216	9,269
Weight1,000 pounds	638	426	89	97	108	4,635
Stocks on hand ¹						
Running balesnumber	970	616	552	360	990	(X)
Weight1,000 pounds	485	308	276	180	495	(X)
Rayon and acetate staple						
Consumed1,000 pounds	741	404	577	454	350	5,662
Stocks on hand ¹1,000 pounds	3,603	3,938	3,999	4,090	4,247	(X)
Polyester staple						
Consumed1,000 pounds	19,560	20,731	19,508	17,832	12,988	187,869
Stocks on hand ¹1,000 pounds	24,365	26,023	27,379	27,964	21,367	(X)
Other manmade fiber staple						
Consumed1,000 pounds	739	580	1,203	590	563	8,568
Stocks on hand ¹1,000 pounds	1,494	1,852	1,854	2,196	2,445	(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: 2024 (continued)

Item	August 2024	September 2024	October 2024	November 2024	December 2024	Total 2024
Cotton-system spindles in place						
Ring spindles 1,000	520	520	520	379	379	(X)
Airjet spindles 1,000	20	20	20	20	20	(X)
Open-end spindles 1,000	213	213	190	190	190	(X)
Cotton-system spindles active						
Spindles consuming						
100% cotton 1,000	425	427	278	286	295	(X)
million hours	265	292	201	193	155	(X)
Spindles consuming						
100% manmade fiber 1,000	15	13	14	22	18	(X)
million hours	6	4	5	11	5	(X)
Spindles consuming						
mixtures or blends 1,000	243	237	223	218	214	(X)
million hours	134	124	126	111	83	(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.

Patrick Boyle, Chief, Crops Branch.....	(202) 720-2127
Chris Hawthorn, Head, Field Crops Section	(202) 720-2127
Irwin Anolik – Crop Progress and Condition, Flaxseed, Mustardseed.....	(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 – Hay, Peanuts	(202) 690-8533
James Johanson – Rye, Wheat	(202) 720-8068
Greg Lemmons – Corn, Proso Millet, Rice	(202) 720-9526
Becky Sommer – Cotton, Cotton Ginnings, Sorghum.....	(202) 720-5944
Travis Thorson – Canola, Rapeseed, Safflower, Sunflower	(202) 720-7369

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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- 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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