



United States
Department of
Agriculture

National
Agricultural
Statistics
Service



ISSN: 2470-9875

Cotton System Consumption and Stocks 2021 Summary

March 2022

USDA



2021 Cotton System Consumption and Stocks

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2021 Annual Summary of the Cotton System Consumption and Stocks contains data and annual totals for January through December 2021.

Extra long staple cotton consumed on the cotton system was 7.44 million pounds in 2021, up 13 percent from 2020.

Consumption and Stocks – United States: 2021

Item	January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021
Extra long staple							
Consumed							
Running balesnumber	1,011	1,184	1,290	1,286	1,392	1,414	1,215
Weight1,000 pounds	494	585	639	639	694	699	600
Stocks on hand ¹							
Running balesnumber	4,458	3,101	3,058	2,163	2,419	2,367	2,378
Weight1,000 pounds	2,134	1,586	1,486	1,080	1,207	1,172	1,178
Rayon and acetate staple							
Consumed1,000 pounds	950	675	798	696	796	631	952
Stocks on hand ¹1,000 pounds	583	556	1,138	1,589	1,588	1,634	1,797
Polyester staple							
Consumed1,000 pounds	26,940	23,219	31,865	28,500	32,100	29,975	31,771
Stocks on hand ¹1,000 pounds	21,827	30,579	31,448	24,594	22,442	22,862	25,590
Other manmade fiber staple							
Consumed1,000 pounds	1,572	1,559	1,730	1,322	1,963	1,602	1,348
Stocks on hand ¹1,000 pounds	1,765	2,129	2,183	2,945	2,661	2,237	2,662

--continued

Spindles in Place, Active Spindles and Spindle Hours Operated – United States: 2021

Item	January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021
Cotton-system spindles in place							
Ring spindles 1,000	806	806	806	806	806	783	749
Airjet spindles 1,000	23	23	23	23	23	20	20
Open-end spindles 1,000	278	272	272	272	272	275	267
Cotton-system spindles active							
Spindles consuming							
100% cotton 1,000	587	584	585	584	581	582	588
million hours	421	385	398	385	441	393	448
Spindles consuming							
100% manmade fiber 1,000	32	30	30	30	30	31	27
million hours	17	14	16	15	14	16	14
Spindles consuming							
mixtures or blends 1,000	402	400	389	389	393	387	387
million hours	252	244	263	238	264	256	258

--continued

Consumption and Stocks – United States: 2021 (continued)

Item	August 2021	September 2021	October 2021	November 2021	December 2021	Total 2021
Extra long staple						
Consumed						
Running balesnumber	1,362	1,136	1,457	1,112	1,183	15,042
Weight1,000 pounds	679	563	716	544	583	7,435
Stocks on hand ¹						
Running balesnumber	2,694	4,063	4,240	4,211	4,533	(X)
Weight1,000 pounds	1,338	2,017	2,097	2,083	2,242	(X)
Rayon and acetate staple						
Consumed1,000 pounds	920	796	877	837	857	9,785
Stocks on hand ¹1,000 pounds	1,878	2,339	2,626	(D)	(D)	(X)
Polyester staple						
Consumed1,000 pounds	29,420	30,980	33,543	29,888	28,686	356,887
Stocks on hand ¹1,000 pounds	27,182	25,211	23,829	25,285	24,690	(X)
Other manmade fiber staple						
Consumed1,000 pounds	1,607	1,843	1,195	1,359	1,483	18,583
Stocks on hand ¹1,000 pounds	2,799	2,203	1,703	1,844	1,723	(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: 2021 (continued)

Item	August 2021	September 2021	October 2021	November 2021	December 2021	Total 2021
Cotton-system spindles in place						
Ring spindles1,000	749	749	749	749	749	(X)
Airjet spindles1,000	20	20	20	20	20	(X)
Open-end spindles1,000	267	267	267	267	267	(X)
Cotton-system spindles active						
Spindles consuming						
100% cotton1,000	602	609	611	609	613	(X)
million hours	430	457	423	428	423	(X)
Spindles consuming						
100% manmade fiber1,000	29	34	35	33	32	(X)
million hours	14	18	18	15	13	(X)
Spindles consuming						
mixtures or blends1,000	372	360	357	362	356	(X)
million hours	242	232	232	225	214	(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

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 – 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
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
Lihan Wei – Peanuts, Rice	(202) 720-7688

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov
- 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.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at www.ascr.usda.gov/filing-program-discrimination-complaint-usda-customer, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.