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Cotton System Consumption and Stocks 2017 Summary

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2017 Cotton System Consumption and Stocks

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2017 Annual Summary of the Cotton System Consumption and Stocks contains data and annual totals for January through December 2017.

Extra long staple cotton consumed on the cotton system was 14.1 million pounds in 2017, up 7 percent from 2016.

Total Manmade fiber consumed on the cotton system was 378 million pounds in 2017, down 3 percent from 2016.

Consumption and Stocks – United States: 2017

Item	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017
Extra long staple							
Consumed							
Running balesnumber	2,604	2,595	2,359	2,468	2,052	2,216	2,326
Weight 1,000 pounds	1,325	1,313	1,179	1,234	1,021	1,103	1,200
Stocks on hand ¹							
Running balesnumber	2,469	2,196	2,501	3,302	4,018	3,489	3,292
Weight 1,000 pounds	1,232	1,102	1,259	1,647	2,016	1,747	1,633
Rayon and acetate staple							
Consumed 1,000 pounds	1,815	910	898	802	885	671	936
Stocks on hand ¹ 1,000 pounds	2,306	1,635	1,278	1,818	1,231	1,046	846
Polyester staple							
Consumed 1,000 pounds	27,936	28,279	30,503	29,244	30,516	27,462	32,362
Stocks on hand ¹ 1,000 pounds	23,250	20,084	27,712	32,050	26,827	23,453	21,103
Other manmade fiber staple							
Consumed 1,000 pounds	2,635	1,545	1,806	1,855	1,980	2,684	2,856
Stocks on hand ¹ 1,000 pounds	3,049	2,129	2,234	1,898	1,979	2,002	2,080

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Spindles in Place, Active Spindles and Spindle Hours Operated – United States: 2017

Item	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017
Cotton-system spindles in place							
Ring spindles 1,000	947	949	949	949	949	949	949
Airjet spindles 1,000	33	33	33	33	33	33	33
Open-end spindles 1,000	336	336	336	336	336	315	315
Cotton-system spindles active							
Spindles consuming							
100% cotton 1,000 million hours	748	748	763	709	700	702	632
Spindles consuming							
100% manmade fiber 1,000 million hours	31	26	29	39	37	43	36
Spindles consuming							
mixtures or blends 1,000 million hours	518	535	520	538	563	526	515
Spindles consuming							
mixtures or blends 1,000 million hours	370	329	335	394	353	335	362

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Consumption and Stocks – United States: 2017 (continued)

Item	August 2017	September 2017	October 2017	November 2017	December 2017	Total 2017
Extra long staple						
Consumed						
Running bales number	2,435	2,658	2,378	2,231	1,715	28,037
Weight 1,000 pounds	1,187	1,342	1,190	1,116	858	14,068
Stocks on hand ¹						
Running bales number	4,079	3,885	3,685	3,287	2,832	(X)
Weight 1,000 pounds	2,031	1,943	1,833	1,648	1,410	(X)
Rayon and acetate staple						
Consumed 1,000 pounds	976	1,025	853	638	733	11,142
Stocks on hand ¹ 1,000 pounds	1,045	1,086	980	1,591	921	(X)
Polyester staple						
Consumed 1,000 pounds	32,213	23,326	26,541	28,970	25,932	343,284
Stocks on hand ¹ 1,000 pounds	22,026	21,090	20,815	21,735	21,379	(X)
Other manmade fiber staple						
Consumed 1,000 pounds	2,003	1,751	1,717	1,626	1,125	23,583
Stocks on hand ¹ 1,000 pounds	2,025	2,024	2,239	2,261	2,315	(X)

(X) Not applicable.

¹ Last Saturday of the month.

Spindles in Place, Active Spindles and Spindle Hours Operated – United States: 2017 (continued)

Item	August 2017	September 2017	October 2017	November 2017	December 2017	Total 2017
Cotton-system spindles in place						
Ring spindles 1,000	949	949	949	949	949	(X)
Airjet spindles 1,000	33	33	33	33	33	(X)
Open-end spindles 1,000	315	315	315	315	315	(X)
Cotton-system spindles active						
Spindles consuming						
100% cotton 1,000	672	682	724	722	728	(X)
million hours	462	461	545	477	416	(X)
Spindles consuming						
100% manmade fiber 1,000	37	41	41	49	38	(X)
million hours	21	23	20	24	15	(X)
Spindles consuming						
mixtures or blends 1,000	549	536	511	505	509	(X)
million hours	357	354	375	315	295	(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 Environmental, Economics, and Demographics Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

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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@nass.usda.gov.

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