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Cotton System Consumption and Stocks 2016 Summary

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2016 Cotton System Consumption and Stocks

As part of the Current Agricultural Industrial Reports (CAIR) program, the 2016 Annual Summary of the Cotton System Consumption and Stocks contains data and annual totals for January through December 2016.

Extra long staple cotton consumed on the cotton system was 13.1 million pounds in 2016, up 17 percent from 2015.

Total Manmade fiber consumed on the cotton system was 391 million pounds in 2016, up slightly from 2015.

Consumption and Stocks – United States: 2016

Item	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016	July 2016
Extra long staple							
Consumed							
Running balesnumber	2,110	2,510	2,120	2,206	1,870	1,896	2,132
Weight 1,000 pounds	1,057	1,293	1,062	1,107	944	956	1,072
Stocks on hand ¹							
Running balesnumber	3,011	2,917	2,491	2,399	2,729	2,320	2,662
Weight 1,000 pounds	1,504	1,429	1,246	1,204	1,172	1,188	1,417
Rayon and acetate staple							
Consumed 1,000 pounds	915	887	1,317	1,383	1,146	1,025	909
Stocks on hand ¹ 1,000 pounds	1,171	(D)	971	965	950	1,042	1,310
Polyester staple							
Consumed 1,000 pounds	31,744	28,948	29,280	33,127	29,116	32,968	28,955
Stocks on hand ¹ 1,000 pounds	23,160	30,483	27,717	23,600	21,885	26,810	29,295
Other manmade fiber staple							
Consumed 1,000 pounds	1,924	1,655	1,548	1,863	1,436	1,949	1,841
Stocks on hand ¹ 1,000 pounds	2,190	2,461	1,935	2,072	1,930	2,161	2,090

See footnote(s) at end of table.

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Spindles in Place, Active Spindles and Spindle Hours Operated – United States: 2016

Item	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016	July 2016
Cotton-system spindles in place							
Ring spindles1,000	849	814	814	818	830	839	844
Airjet spindles1,000	30	30	30	30	31	31	32
Open-end spindles1,000	357	357	357	354	352	352	348
Cotton-system spindles active							
Spindles consuming							
100% cotton 1,000 million hours	699	653	676	658	651	659	688
Spindles consuming							
100% manmade fiber 1,000 million hours	31	27	31	31	46	49	36
Spindles consuming							
mixtures or blends 1,000 million hours	17	14	15	16	26	28	16
Spindles consuming							
mixtures or blends 1,000 million hours	458	481	480	472	470	464	459
Spindles consuming							
mixtures or blends 1,000 million hours	298	309	316	349	332	285	319

See footnote(s) at end of table.

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Consumption and Stocks – United States: 2016 (continued)

Item	August 2016	September 2016	October 2016	November 2016	December 2016	Total 2016
Extra long staple						
Consumed						
Running bales number	1,996	1,947	2,504	2,034	2,794	26,119
Weight 1,000 pounds	1,005	978	1,258	1,026	1,340	13,098
Stocks on hand ¹						
Running bales number	2,333	1,986	1,861	2,274	2,271	(X)
Weight 1,000 pounds	1,251	1,146	962	1,164	1,160	(X)
Rayon and acetate staple						
Consumed 1,000 pounds	1,502	1,035	1,588	1,417	798	13,922
Stocks on hand ¹ 1,000 pounds	598	615	771	1,404	2,325	(X)
Polyester staple						
Consumed 1,000 pounds	31,432	29,455	32,946	24,764	22,935	355,670
Stocks on hand ¹ 1,000 pounds	38,358	25,476	24,929	26,387	24,097	(X)
Other manmade fiber staple						
Consumed 1,000 pounds	2,142	2,341	1,603	1,417	1,373	21,092
Stocks on hand ¹ 1,000 pounds	2,175	3,869	1,616	1,684	2,140	(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: 2016 (continued)

Item	August 2016	September 2016	October 2016	November 2016	December 2016	Total 2016
Cotton-system spindles in place						
Ring spindles 1,000	856	903	912	867	892	(X)
Airjet spindles 1,000	32	32	32	32	32	(X)
Open-end spindles 1,000	348	348	344	344	344	(X)
Cotton-system spindles active						
Spindles consuming						
100% cotton 1,000	694	719	725	735	751	(X)
million hours	453	445	530	468	390	(X)
Spindles consuming						
100% manmade fiber 1,000	34	30	31	30	30	(X)
million hours	19	16	16	13	11	(X)
Spindles consuming						
mixtures or blends 1,000	469	483	486	454	458	(X)
million hours	294	304	344	246	234	(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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