Economic Research Service

Situation and Outlook

CWS-15k

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# **Cotton and Wool Outlook**

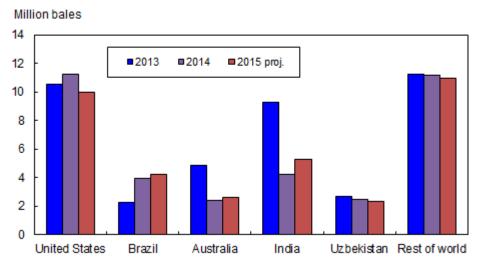
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# Global Cotton Trade Steady in 2015/16

The latest U.S. Department of Agriculture (USDA) projections for 2015/16 indicate that world cotton trade is forecast similar to the previous season and the lowest since 2010/11. Global trade is projected at 35.4 million bales in 2015/16, marginally below 2014/15 but 24 percent below 2012/13's record of 46.5 million bales.

The recent global cotton export record was attributable to China's substantial raw cotton import demand; however, China's imports are forecast to decline for the fourth consecutive season in 2015/16, providing varying expectations for the leading cotton shippers (fig. 1). For the United States, exports are projected more than 1 million bales below a year ago as the weather-reduced crop is limiting supplies. In contrast, India's exports are expected to rebound—despite a lower crop—as demand from Pakistan has increased. Exports from Brazil and Australia are forecast to rebound slightly in 2015/16 as well, while those from Uzbekistan are declining for the fourth consecutive season.





Source: USDA, World Agricultural Supply and Demand Estimates reports.

Cotton and Wool Chart Gallery will be updated on December 15, 2015

The next release is January 14, 2016 (Tables only)

Approved by the World Agricultural Outlook Board

# **Domestic Outlook**

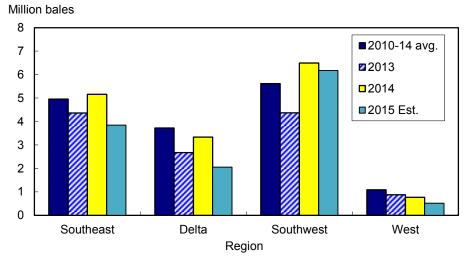
## U.S. Cotton Crop Reduced Further in December

The USDA December forecast of 2015 U.S. cotton production was reduced nearly 2 percent this month to 13.0 million bales, 3.3 million bales below the 2014 crop. Planted and harvested area remain estimated at about 8.6 million acres and 8.2 million acres, respectively. The relatively low abandonment rate of 5 percent is the result of plentiful rainfall this season. The 2015 national yield is projected at 768 pounds per harvested acre, the lowest since 2003/04. Upland cotton production is estimated at 12.6 million bales, compared with the 15.8 million bales produced in 2014. The extra-long staple (ELS) crop is forecast at 451,000 bales, the lowest in 6 years. For current production estimates by State and region, see table 10.

Upland cotton production is forecast to decrease in each of the Cotton Belt regions this season as lower area and yield reduced the crop (fig. 2). The Southwest upland crop is forecast to approach 6.2 million bales in 2015, compared with 6.5 million bales in 2014. With a relatively low abandonment rate of 6 percent, the region's yield of 629 pounds per harvested acre is below the 5-year average.

In the Southeast, 2015 cotton production is estimated at only 3.8 million bales (the lowest since 2009), as lower yield estimates for North and South Carolina contributed significantly to this season's reduction. The region's yield is forecast below the 5-year average at 845 pounds per harvested acre. In the Delta, cotton production is expected to approach 2.1 million bales, the smallest crop there since the Payment-In-Kind (PIK) season of 1983. While area there has declined below 1 million acres, the Delta yield is forecast at 1,046 pounds per harvested acre—the third highest on record. In the West, upland production is expected at 511,000 bales in 2015, as water issues continue to limit cotton acreage; the region's production is expected to be its lowest in 8 decades despite a near-record yield of 1,543 pounds per harvested acre.

Figure 2
U.S. regional upland cotton production



Source: USDA, Crop Production reports.

## U.S. Demand and Stocks Forecasts Reduced; Farm Price Unchanged

U.S. cotton demand for the 2015/16 season is forecast at 13.7 million bales, 200,000 bales below last month and nearly 8 percent (1.1 million bales) below 2014/15. U.S. exports are forecast at 10.0 million bales in 2015/16, 200,000 bales below last month's forecast, due to lower available supplies and lagging sales. The current export forecast is nearly 1.3 million bales below last season's shipments. With the lower volume (particularly to China), the U.S. share of global trade is projected at 28 percent, compared with 2014/15's 32 percent and 2013/14's 26 percent. Meanwhile, U.S. cotton mill use remains projected at 3.7 million bales, up from last season's 3.6-million-bale estimate.

As a result of lower production and export estimates in December, U.S. cotton ending stocks are forecast at 3.0 million bales, 700,000 bales below the beginning level. Both the stocks and the stocks-to-use ratio—estimated at 22 percent—would be the lowest in two seasons. Based on the latest supply and demand outlook for 2015/16, the midpoint for the upland cotton farm price remains at 59 cents per pound in December; the forecast price is projected to range between 56 and 62 cents per pound, compared with the final 2014/15 price of 61.3 cents per pound.

# **International Outlook**

### Global Cotton Production To Decrease in 2015/16

World cotton production in 2015/16 is forecast at 103.7 million bales, 13 percent below last season, as lower area combined with a reduced yield push the global crop to its lowest since 2009/10 (fig. 3). Considerable production declines in 2015/16 for all of the major producers reduce the world crop by more than 15 million bales. Global harvested area is estimated at 31.2 million hectares, compared with 34.0 million hectares in 2014/15. The world cotton yield is forecast at 723 kg/hectare, compared with 763 kg/hectare last season.

Production for the top two producers—India and China—is projected to account for a combined 51 percent of the world total, with forecasts of 28.5 and 24.3 million bales, respectively. For India, the 2015/16 crop is in its second year of decline and matches 2012/13's production. Lower area coupled with higher yields combine to reduce India's production 1 million bales in 2015/16. The decline is more dramatic for China, as production is forecast to fall 5.7 million bales in 2015/16 to 24.3 million bales. With total area declining and area moving out of the lower yielding regions of China, the national yield is forecast at a record 1,534 kg/hectare.

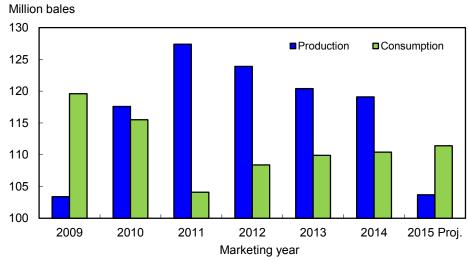
Pakistan's crop is projected at 8.0 million bales in 2015/16, nearly 25 percent below last season, due to reduced area and yield. Harvested area in Pakistan is estimated at 2.8 million hectares, the lowest in 5 years. Insect damage, as well as reduced pickings, are expected to keep the national yield at 622 kg/hectare, 100 kg/hectare below the 5-year average.

### World Mill Use Continues Slow Rebound

World mill use is expected to rise 0.9 percent in 2015/16, its fourth consecutive annual increase. However, this would also be the third consecutive year world cotton consumption has grown more slowly than its longrun average growth rate of 1.8 percent.

Figure 3

Global cotton production and consumption



Source: USDA, World Agricultural Supply and Demand Estimates reports.

The International Monetary Fund's most recent macroeconomic outlook projects global income growth in 2015 at its slowest in 6 years. Low polyester prices relative to cotton, and issues associated with China's transition to new cotton policies and adjustments to higher wages, are also factors limiting cotton consumption growth in recent years.

# Global Cotton Stocks To Decline from Record

World cotton stocks are expected to decline by 7.6 million bales in 2015/16, their first decline in 6 years (fig. 4). Despite the decline, expected world stocks are extraordinarily high—equal to 94 percent of world consumption, which is more than double the average ratio of stocks to consumption that prevailed over 1980/81-2010/11. The increase in stocks over longrun levels is almost entirely attributable to the accumulation of cotton in China's national reserve in the course of supporting its domestic cotton prices above world prices during 2011/12-2014/15. Stocks outside of China in 2015/16 are expected to equal 35 percent of world consumption, versus a 1980-2010/11 average of 31 percent.

Despite tightening stocks, little change is expected in cotton prices in 2015/16. The U.S. season-average farm price is expected to fall 3.8 percent, and no change is expected in the A-Index. In addition to a continued high level of ending stocks in China, other factors affecting year-to-year price changes include relative tightness of supply for certain qualities of cotton and the strengthening of the U.S. dollar. During the course of 2014/15, the U.S. dollar rose 14 percent in inflation-adjusted terms, and it has generally continued rising since July 2015. While the relatively tight supplies of high-quality cotton have helped sustain the A-Index in 2015/16, exchange rate shifts have had a negative impact on commodity prices in U.S. dollar terms, including cotton.

Price (cents per pound) Global stocks (million bales) 180 120 100 150 80 120 60 90 40 60 20 30 Ending stocks Cotlook A-Index 0 2009 2011 2012 2013 2015 proj. 2010 2014 Marketing year

Figure 4
Global cotton stocks and prices

Sources: Cotlook and USDA, World Agricultural Supply and Demand Estimates reports.

# **Contacts and Links**

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#### Data

Cotton and Wool Monthly Tables (<a href="http://ers.usda.gov/publications/cws-cotton-and-wool-outlook">http://ers.usda.gov/publications/cws-cotton-and-wool-outlook</a>)

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### Related Websites

#### WASDE

http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1194

### **Cotton Topics**

http://www.ers.usda.gov/topics/crops/cotton-wool.aspx

### Cotton and Wool Outlook

http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1281

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Table 1--U.S. cotton supply and use estimates

			2015/16	
Item	2014/15	Oct.	Nov.	Dec.
		Millio	on acres	
Upland:		77	<i>311</i>	
Planted	10.845	8.398	8.398	8.398
Harvested	9.157	8.012	7.995	7.995
		Po	unds	
Yield/harvested acre	826	772	770	755
		Million 48	80-lb. bales	
Beginning stocks	2.225	3.441	3.441	3.441
Production	15.753	12.887	12.830	12.580
Total supply 1/	17.987	16.333	16.276	16.026
Mill use	3.550	3.675	3.675	3.675
Exports	10.836	9.700	9.700	9.500
Total use	14.386	13.375	13.375	13.175
Ending stocks 2/	3.441	2.910	2.910	2.810
		Per	rcent	
Stocks-to-use ratio	23.9	21.8	21.8	21.3
		1,000	acres	
Extra-long staple:				
Planted	192.4	157.5	157.5	157.5
Harvested	189.8	154.3	154.3	154.3
		Po	unds	
Yield/harvested acre	1,432	1,403	1,403	1,403
		1,000 48	0-lb. bales	
Beginning stocks	125	259	259	259
Production	566	451	451	451
Total supply 1/	694	715	715	715
Mill use	25	25	25	25
Exports	410	500	500	500
Total use Ending stocks 2/	435 259	525 190	525 190	525 190
Lituing Stocks 2/	209	190	190	190
		Per	rcent	
Stocks-to-use ratio	59.5	36.2	36.2	36.2

<sup>1/</sup> Includes imports. 2/ Includes unaccounted.

Source: USDA, World Agricultural Outlook Board.

Table 2--World cotton supply and use estimates

Item			2015/16			
	2014/15	Oct.	Nov.	Dec.		
		Million 480-lb. bales				
Supply:						
Beginning stocks						
World	103.05	111.79	111.94	112.01		
Foreign	100.70	108.09	108.24	108.31		
Production						
World	119.11	107.38	105.63	103.71		
Foreign	102.79	94.05	92.35	90.68		
Imports						
World	35.71	34.20	34.35	35.35		
Foreign	35.70	34.19	34.34	35.34		
Use:						
Mill use						
World	110.38	112.27	111.59	111.39		
Foreign	106.80	108.57	107.89	107.69		
Exports						
World	35.39	34.19	34.35	35.35		
Foreign	24.14	23.99	24.15	25.35		
Ending stocks						
World	112.01	106.97	106.09	104.39		
Foreign	108.31	103.87	102.99	101.39		
		Per	cent			
Stocks-to-use ratio:						
World	101.5	95.3	95.1	93.7		
Foreign	101.4	95.7	95.5	94.1		

Source: USDA, World Agricultural Outlook Board.

Table 3--U.S. fiber supply

Table 3U.S. fiber supply				
	Aug.	Sep.	Oct.	Oct.
Item	2015	2015	2015	2014
		1,000 480-	lb. bales	
Cotton:				
Stocks, beginning	3,700	2,889	2,688	2,066
Ginnings	107	544	3,131	3,754
Imports since August 1	0.7	1.6	2.0	0.4
		Million p	oounds	
Manmade:				
Production	545.7	551.5	562.4	541.7
Noncellulosic	545.7	551.5	562.4	541.7
Cellulosic	NA	NA	NA	NA
Total since January 1	4,213.3	4,764.8	5,327.2	5,322.9
	July	Aug.	Sep.	Sep.
	2015	2015	2015	2014
		Million p	oounds	
Raw fiber imports:	193.9	184.6	180.1	164.7
Noncellulosic	177.8	169.8	165.5	150.0
Cellulosic	16.1	14.8	14.6	14.7
Total since January 1	1,392.8	1,577.4	1757.5	1,511.0
		1,000 p	ounds	
Wool and mohair:				
Raw wool imports, clean	677.2	619.8	349.3	639.8
48s-and-finer	364.6	166.6	153.1	347.5
Not-finer-than-46s	312.6	453.2	196.2	292.2
Total since January 1	4,410.0	5,029.8	5,379.1	5,380.9
Wool top imports	391.6	237.3	332.8	370.6
Total since January 1	2,294.2	2,531.5	2,864.3	2,837.2
Mohair imports, clean	0.0	0.0	0.0	0.0
Total since January 1	0.0	0.0	0.0	0.0

NA = Not available.

Sources: USDA, National Agricultural Statistics Service;

U.S. Dept. of Commerce, U.S. Census Bureau; and Fiber Organon.

Table 4--U.S. fiber demand

	Aug.	Sep.	Oct.	Oct.
Item	2015	2015	2015	2014
		1,000 480	-lb. bales	
Cotton:				
All consumed by mills 1/	319	303	306	305
Total since August 1	319	623	929	911
Daily rate	15.2	13.8	13.9	13.3
Upland consumed by mills 1/	317	301	304	303
Total since August 1	317	619	923	904
Daily rate	15.1	13.7	13.8	13.2
Upland exports	560	419	411	346
Total since August 1	560	979	1,390	1,183
Sales for next season	188	346	77	40
Total since August 1	188	534	610	504
Extra-long staple exports	39.2	26.1	24.1	7.2
Total since August 1	39.2	65.3	89.4	36.5
Sales for next season	0.0	0.0	0.0	0.0
Total since August 1	0.0	0.0	0.0	0.0
_	July	Aug.	Sep.	Sep
_	2015	2015	2015	2014
		Million p	oounds	
Manmade:				
Raw fiber exports	46.5	44.9	49.0	51.6
Noncellulosic	46.1	44.5	48.5	51.3
Cellulosic	0.4	0.4	0.5	0.3
Total since January 1	345.8	390.7	439.7	470.9
		1,000 p	ounds	
Wool and mohair:				
Raw wool exports, clean	822.5	990.6	1,077.6	375.4
Total since January 1	3,863.5	4,854.1	5,931.6	5,871.5
Wool top exports	1.6	95.6	110.3	59.3
Total since January 1	26.9 10.5	122.6	232.9	729.7
Mohair exports, clean	10.5	54.1	0.0	0.0
Total since January 1  1/ Estimated by USDA	922.4	976.5	976.5	501.9

<sup>1/</sup> Estimated by USDA.

Sources: USDA, Farm Service Agency; USDA, Foreign Agricultural Service, *U.S. Export Sales*; U.S. Dept. of Commerce, U.S. Census Bureau; and *Fiber Organon.* 

Table 5--U.S. and world fiber prices

	Sep.	Oct.	Nov.	Nov.
Item	2015	2015	2015	2014
		0		
D 6 #		Cents pe	r pouna	
Domestic cotton prices:				
Adjusted world price	46.04	46.35	46.88	47.54
Upland spot 41-34	59.70	60.83	60.99	59.64
Pima spot 02-46	143.00	142.50	140.25	179.03
Average price received by				
upland producers	60.30	57.80	NA	62.70
Far Eastern cotton quotes:				
A Index	68.86	69.22	69.29	67.29
Memphis/Eastern	74.94	75.95	75.94	71.44
Memphis/Orleans/Texas	73.94	74.30	74.31	70.69
California/Arizona	76.75	77.55	77.81	74.94
		Dollars pe	r pound	
Wool prices (clean):				
U.S. 58s	NQ	2.90	2.90	2.88
Australian 58s 1/	3.94	3.79	3.75	3.73
U.S. 60s	NQ	NQ	2.84	3.08
Australian 60s 1/	4.11	4.01	NQ	NQ
U.S. 64s	NQ	3.35	3.35	NQ
Australian 64s 1/	4.30	4.28	4.43	4.68

NA = Not available. NQ = No quote.

Sources: USDA, Cotton Price Statistics; Cotlook Ltd., Cotton Outlook;

and trade reports.

<sup>1/</sup> In bond, Charleston, SC.

Table 6--U.S. textile imports, by fiber

Table 6U.S. textile imports, by fiber						
	Aug.	Sep.	Oct.	Oct.		
Item	2015	2015	2015	2014		
	1,000 pounds 1/					
Yarn, thread, and fabric:	276,034	255,185	255,957	271,338		
Cotton	58,406	54,210	55,741	60,909		
Linen	20,110	18,026	20,317	18,604		
Wool	4,162	3,564	3,986	4,658		
Silk	690	616	689	585		
Manmade	192,666	178,768	175,224	186,583		
Apparel:	1,311,643	1,218,850	1,112,077	1,114,237		
Cotton	635,798	598,378	583,604	591,600		
Linen	8,497	7,910	7,422	8,116		
Wool	47,656	43,505	36,381	41,532		
Silk	8,652	7,869	7,644	8,626		
Manmade	611,040	561,188	477,026	464,363		
Home furnishings:	318,293	311,486	307,776	305,840		
Cotton	142,765	144,717	147,017	146,692		
Linen	1,174	1,186	912	1,015		
Wool	291	353	450	394		
Silk	240	177	139	142		
Manmade	173,823	165,053	159,257	157,598		
Floor coverings:	72,088	71,308	72,996	75,606		
Cotton	8,970	8,988	8,993	8,695		
Linen	18,028	20,372	20,211	20,387		
Wool	11,339	11,362	11,950	11,420		
Silk	2,800	2,325	2,514	2,037		
Manmade	30,951	28,261	29,330	33,068		
Total imports: 2/	1,978,393	1,857,167	1,749,076	1,767,373		
Cotton	846,165	806,531	795,534	808,137		
Linen	47,810	47,494	48,862	48,122		
Wool	63,459	58,793	52,773	58,018		
Silk	12,382	10,988	10,986	11,390		
Manmade	1,008,577	933,361	840,922	841,706		
4/5 51	0/1111					

<sup>1/</sup> Raw-fiber equivalent. 2/ Includes headgear.

Sources: USDA, Economic Research Service; and U.S. Dept. of Commerce, U.S. Census Bureau.

Table 7--U.S. textile exports, by fiber

Table 7U.S. textile expor	ts, by fiber					
	Aug.	Sep.	Oct.	Oct.		
Item	2015	2015	2015	2014		
	1,000 pounds 1/					
Yarn, thread, and fabric:	263,207	248,856	268,408	266,890		
Cotton	144,036	133,130	143,340	140,887		
Linen	6,889	6,718	7,223	7,575		
Wool	3,015	2,916	4,297	2,958		
Silk	1,100	1,298	1,107	1,384		
Manmade	108,167	104,794	112,440	114,086		
Apparel:	24,220	25,431	24,700	29,988		
Cotton	10,928	11,321	10,833	12,460		
Linen	437	485	466	604		
Wool	1,445	1,671	1,406	1,966		
Silk	875	770	809	870		
Manmade	10,535	11,184	11,187	14,089		
Home furnishings:	4,738	4,898	3,309	6,517		
Cotton	2,236	2,513	1,498	2,718		
Linen	263	232	233	980		
Wool	75	96	64	99		
Silk	86	109	122	123		
Manmade	2,078	1,948	1,391	2,596		
Floor coverings:	26,170	25,014	26,367	31,272		
Cotton	2,076	1,942	2,071	2,192		
Linen	1,050	1,009	1,031	1,049		
Wool	1,413	1,138	1,210	1,756		
Silk	30	33	30	29		
Manmade	21,601	20,893	22,026	26,246		
Total exports: 2/	318,390	304,262	322,851	334,704		
Cotton	159,310	148,944	157,789	158,273		
Linen	8,639	8,444	8,953	10,207		
Wool	5,948	5,831	6,979	6,782		
Silk	2,091	2,210	2,068	2,406		
Manmade	142,402	138,833	147,062	157,035		
4/D	/ l l l-					

<sup>1/</sup> Raw-fiber equivalent. 2/ Includes headgear.

Sources: USDA, Economic Research Service; and U.S. Dept. of Commerce, U.S. Census Bureau.

Table 8--U.S. cotton textile imports, by origin

	Aug.	Sep.	Oct.	Oct		
Region/country	2015	2015	2015	2014		
	1,000 pounds 1/					
North America	155,808	156,880	146,698	149,917		
Canada	3,029	3,387	3,422	3,309		
Costa Rica	12	16	9	403		
Dominican Republic	9,708	8,330	6,940	5,949		
El Salvador	17,422	20,361	20,872	19,835		
Guatemala	10,319	9,027	8,995	9,671		
Haiti	14,497	14,034	11,925	11,833		
Honduras	37,066	39,899	30,164	31,547		
Mexico	43,429	43,040	46,904	51,274		
Nicaragua	20,322	18,783	17,465	16,092		
South America	4,298	4,059	4,360	3,770		
Colombia	2,099	1,922	1,966	1,446		
Peru	1,888	1,879	2,111	2,092		
Europe	18,810	15,110	18,864	19,265		
Germany	1,035	940	1,179	1,153		
Italy	1,650	1,081	1,452	1,687		
Portugal	2,391	2,163	2,676	1,837		
Turkey	10,183	7,938	10,115	11,434		
Turkmenistan	1,381	914	942	888		
Asia	653,892	614,158	611,984	621,056		
Bahrain	1,617	1,549	1,344	1,524		
Bangladesh	56,546	54,477	63,206	49,163		
Cambodia	22,784	19,383	20,501	23,137		
China	310,172	275,798	251,169	269,527		
Hong Kong	1,572	1,438	1,312	1,049		
India	72,391	75,119	73,798	78,297		
Indonesia	24,989	25,452	29,293	30,83		
Israel	483	478	536	637		
Japan	1,474	1,035	1,272	1,340		
Jordan	4,338	4,138	3,851	4,359		
Malaysia	4,011	3,856	3,354	3,463		
Pakistan	60,723	67,225	74,123	70,232		
Philippines	4,222	4,257	3,519	3,740		
South Korea	5,655	5,171	5,416	5,959		
Sri Lanka	9,819	7,291	8,795	8,584		
Taiwan	2,507	2,339	2,181	2,560		
Thailand	5,731	5,126	5,916	5,507		
United Arab Emirates	640	599	421	397		
Vietnam	63,633	58,725	61,306	60,229		
Oceania	25	30	29	89		
Africa	13,332	16,293	13,598	14,039		
Egypt	5,767	7,736	5,908	5,71		
Kenya	2,812	2,383	2,439	2,45		
Lesotho	2,672	3,245	2,256	2,762		
Mauritius	895	1,707	1,379	1,782		
World 2/	846,165	806,531	795,534	808,137		

<sup>1/</sup> Raw-fiber equivalent. 2/ Totals may not add due to rounding.

Sources: USDA, Economic Research Service; and U.S. Dept. of Commerce, U.S. Census Bureau.

Table 9--LLS cotton textile exports by destination

Table 9U.S. cotton textile exports, by destination						
	Aug.	Sep.	Oct.	Oct.		
Region/country	2015	2015	2015	2014		
	1,000 pounds 1/					
North America	135,444	126,492	133,433	138,838		
Bahamas	97	160	178	150		
Canada	10,402	11,097	7,954	10,459		
Costa Rica	211	339	310	365		
Dominican Republic	23,515	20,916	21,099	22,288		
El Salvador	8,808	6,077	7,617	8,159		
Guatemala	2,619	2,125	2,074	2,246		
Haiti	1,159	845	723	1,057		
Honduras	59,690	53,173	62,487	59,861		
Jamaica	35	91	125	135		
Mexico	25,984	27,854	27,198	30,649		
Nicaragua	2,508	3,272	2,909	2,785		
Panama	147	250	303	239		
South America	4,955	5,121	6,567	5,351		
Brazil	699	358	405	401		
Chile	190	228	224	163		
Colombia	2,944	3,473	4,670	2,210		
Ecuador	69	68	146	126		
Peru	885	834	869	595		
Venezuela	31	77	94	1,334		
Europe	3,305	3,271	4,296	3,089		
Belgium	371	266	444	373		
France	97	70	84	206		
Germany	509	431	473	312		
Italy	168	205	185	179		
Netherlands	279	207	195	315		
United Kingdom	846	865	1,073	871		
Asia	12,798	11,077	9,820	9,927		
China	8,306	7,596	6,979	6,464		
Hong Kong	596	364	474	466		
India	174	229	118	150		
Israel	132	103	87	118		
Japan	961	781	566	771		
Lebanon	149	50	90	13		
Saudi Arabia	105	126	76	127		
Singapore	137	108	156	219		
South Korea	646	444	492	461		
Taiwan	213	143	115	116		
Thailand	64	128	64	62		
United Arab Emirates	218	94	152	304		
Vietnam	36	102	54	293		
Oceania	752	518	584	808		
Australia	577	402	440	577		
New Zealand	144	71	107	165		
Africa	2,057	2,466	3,088	259		
South Africa	74	39	23	68		
World 2/	159,310	148,944	157,789	158,273		

<sup>1/</sup> Raw-fiber equivalent. 2/ Totals may not add due to rounding.

Sources: USDA, Economic Research Service; and U.S. Dept. of Commerce, U.S. Census Bureau.

Table 10--Acreage, yield, and production estimates, 2015

State/region	Planted	Harvested	Yield	Production
<u> </u>			Pounds/	
	1,000	acres	harvested acre	1,000 bales
Upland:	•			•
Alabama	315	312	838	545
Florida	85	83	781	135
Georgia	1,120	1,110	995	2,300
North Carolina	385	380	682	540
South Carolina	235	215	402	180
Virginia	85	84	817	143
Southeast	2,225	2,184	845	3,843
Arkansas	210	205	1,124	480
Louisiana	110	107	852	190
Mississippi	320	315	1,021	670
Missouri	185	175	1,125	410
Tennessee	155	140	1,035	302
Delta	980	942	1,046	2,052
Kansas	16	15	768	24
Oklahoma	210	195	862	350
Texas	4,800	4,500	619	5,800
Southwest	5,026	4,710	629	6,174
Arizona	85	83	1,590	275
California	47	46	1,826	175
New Mexico	35	30	976	61
West	167	159	1,543	511
Total Upland	8,398	7,995	755	12,580
Pima:				
Arizona	18	18	1,147	43
California	115	114	1,499	356
New Mexico	8	7	1,052	16
Texas	17	15	1,152	36
Total Pima	158	154	1,403	451
Total all	8,556	8,149	768	13,031

Source: USDA, December 2015 Crop Production report.