

SITUATION AND OUTLOOK

# COTTON

2017/2018



**T.C.**  
**THE MINISTRY OF FOOD, AGRICULTURE AND LIVESTOCK**  
**AGRICULTURAL ECONOMIC AND POLICY DEVELOPMENT INSTITUTE**







**AGRICULTURAL ECONOMIC AND POLICY DEVELOPMENT INSTITUTE**

**COTTON**  
**Situation and Outlook**  
**2017/2018**

**Dr. Tijen ÖZÜDOĞRU**

Agricultural Economic and Policy Development Institute

[tijen.ozudogru@tarim.gov.tr](mailto:tijen.ozudogru@tarim.gov.tr)

**EDITION NUMBER: 294**

**ISBN: 978-605-9175-99-9**

© TEPGE

All rights reserved.

**March 2018**

**Contact:**

Research and Technological Development Campus

Fatih Sultan Mehmet Avenue Istanbul Road No:38

Yenimahalle/ANKARA

Telephone: 0 312 287 5833

Fax: 0 312 287 5458

**Translated by Seda DEMİRCAN**

This cannot be printed, reproduced and / or distributed as printed or electronic material without AEPDI's permission. It can be quoted with the condition of showing the source.

## **PREFACE**

Cotton provides great benefits to the country's economy with its wide use area, added value and employment opportunities. In this respect, it is a product with strategic design and is the main raw material of weave and textile industry. At the same time, cotton seeds are used as oil seeds in the oil industry and cossette as forage. Therefore, cotton plants provide positive contributions to the development of both the agriculture and the industry of the regions and countries which grows cotton.

Cotton Situation and Outlook Studies of the Institute for Agricultural Economics and Policy Development; aims to keep the related persons, groups and organizations informed about these developments in a timely and accurate manner by closely following developments in the sector. In this study, the supply, usage, prices, expected developments in the following years (Forecast) are examined systematically.

I would like to thank Dr. Tijen ÖZÜDOĞRU due to her intensive labor.

**Mehmet Cihad KAYA**

Director of the Enstitüte



## CONTENTS

ABSTRACT .....	i
SITUATION IN THE WORLD: 2015/2016.....	1
ESTIMATE IN THE WORLD: 2016/2017 .....	3
PROJECTION IN THE WORLD: 2017/2018 .....	4
SITUATION IN TURKEY: 2015/2016.....	5
ESTIMATE IN TURKEY: 2016/2017 .....	7
APPENDIX TABLES .....	8





**ABSTRACT****Main Indicators****Situation: 2015/16**

- ✓ World cotton areas decreased by 10.3% to 30.4 million hectares, cotton production decreased by 18.8% and yield of 21.3 million tons averaged 693 kgs/ha. The sharp decline in cotton prices, which has increased in recent years as a result of the decline in the cultivation areas, shows a decrease in farmer incomes when compared to alternative crops.
- ✓ World cotton imports declined to 7.5 million tons, followed by Bangladesh, Vietnam, China and Turkey with 56% of the top four importing countries. World cotton exports decreased by 2% compared to the previous season. America and India bought 43% of the cotton exported to the world.
- ✓ According to China's average cotton stock value, almost 60% of the world's stocks are held and the world ending stocks are 18.6 million tons.
- ✓ For the first time world cotton consumption has exceeded production by 24.3 million tons since the last five quarters. The leading countries in consumption are China, India and Pakistan. These countries have consumed 62% of the world's cotton.
- ✓ International cotton prices have remained stable at 70 cents/lb.
- ✓ Cotton areas in Turkey decreased by 7% to 434 thousand ha, production decreased by 13% to 738 thousand tons. Approximately 58% of Turkey's total cotton production is produced in the Southeastern Anatolia Region.
- ✓ 918 thousand tons of fiber cotton need in Turkey was provided with imports. Imports have increased by 15% due to the decrease in production.
- ✓ In this season, 2.5 million tons of cotton were used in the industry and 50 thousand tons of exports were made, resulting in total disappearance of 1.7 million tons. Stocks to-use ratio has been 50%.
- ✓ Domestic fiber cotton prices took place as ICE Aegean Standart-1 average 4.67 TL/kgs in 2015/16.

**Estimate: 2016/17**

- ✓ World cotton areas decreased by approximately 4% to 29.3 million ha and yield increased by 12% to 777 kgs/ha compared to the previous season.
- ✓ World cotton production was estimated at 22.9 million tons with an increase of 7%, while consumption was estimated at 24.3 million tons, just like last season.
- ✓ It is estimated that world cotton foreign trade decreased to 8.1 million.
- ✓ International cotton prices have risen to 82 cents/lb in the first ten months of this season while 70 cents/lb in the previous session.
- ✓ Turkey's cotton areas are 416 thousand hectares, cotton yield is 1820 kgs/ha and cotton production is 756 thousand tons.
- ✓ Fiber cotton imports are estimated at 801 thousand tons and exports at 73 thousand tons.
- ✓ Ending stocks consist of the difference between supply and use. The estimated amount of stock in this season is 763 thousand tons.

- ✓ The purchase prices of seed cotton in Turkey for the year 2016 product 2.35 TL/kg in TARİŞ, 1.91 TL/kg in ÇUKOBİRLİK and 2.50 TL/kg in ANTBİRLİK. The amount of cotton purchased by these three associations is 3.2% of Turkey's total seed cotton production. The price of ICE Aegean Standart-1 fiber cotton is average of 6.63 TL/kg.
- ✓ For producers producing cotton with certified seed, premium given to cotton in 2016/17 season is 0.75 TL/kgs.

**Projection: 2017/18**

- ✓ ICAC projections indicate that world cotton production will increase by about 5% to 24 million tons due to the anticipated 5% expansion in the previous high prices and cotton areas. World average yield is expected to increase by 2% to 762 kgs/ha.
- ✓ World cotton consumption is projected to increase by %3 from 340 tons to 24.6 million tons. World trade is expected to be fixed at 8.1 million tones, while Bangladesh, Vietnam and China are expected to be the world's three largest importers.
- ✓ World stocks will fall by 3% to 16.7 million tons and 46% of this is expected to remain in China.
- ✓ It is expected that 32.7 million tons will be consumed in the world with approximately 49.4 million tons of supply and the season will be closed with approximately 16.7 million tons of stock.
- ✓ It is expected that Turkey will maintain a stable trend of annual consumption capacity with 1.5 million tons due to the weak supply of domestic demand which is cotton.

## SITUATION IN THE WORLD: 2015/2016

According to the International Cotton Advisory Committee (ICAC)'s cotton production season estimates for 2015/16, cotton areas in the world are 30.4 million ha with a decrease of approximately 10.3%, and production is 21.3 million tons with a decrease of 18.8%. The sharp decline in cotton prices, which have increased in recent years as a result of the decline in cotton areas, and the decline in farmer incomes when compared to alternative crops were observed. While the average cotton yield was 773 kgs/ha in the previous season, this season has been reduced to 693 kgs/ha due to adverse weather conditions in major producer countries.

At that time 6 out of 61 countries producing cotton in the world produced about 81% of cotton (India, China, USA, Pakistan, Brazil and Uzbekistan). Producing about 27% of the world's cotton, India's production has decreased by 12.4% to 5.7 million tons. With rising costs in China and the reduction of support by 2015 by the Chinese government, cotton areas decreased by 29% and production by 23.8% to about 5 million tons from about 6.6 million tons. In the United States 14.3% decrease

in cotton area and a fall in productivity due to extreme precipitation in the fall caused production to decline by 21% to 2.8 million tons. In Pakistan, because of the stress of pesticides used against white pests and pink worm, as well as high input costs leading farmers to alternative crops reduction in crop yield, 32% decline in 779 kgs/ha yield reflected 33% in production directly as there was not big change in cotton areas. The cotton area of Brazil is 955 thousand ha and the production is about 1.3 million tons. On the other hand, as a remarkable development, the by 42% to 270 thousand hectares and production reached 626 thousand tons due to the increase of cotton cultivation in dryland area.

In 2015/16 world cotton imports are 7.5 million tons and a 10% increase was seen in imports in countries except China. The world started with 21.7 million tons of cotton stock this season. Thus, world cotton supply, which is the sum of production, import and beginning stocks, was calculated as 50.5 million tons, with a decrease of 6.7% compared to the previous season.

**Table 1. World Cotton Supply and Use (000 ton)**

Marketing year 1 August / 31 July	2012/13	2013/14	2014/15	2015/16	2016/17 Estimated	2017/18 Projected
Area (000 ha) <sup>1</sup>	34.124	32.626	33.886	30.378	29.323	30.788
Yield (kg/ha) <sup>1</sup>	785	802	773	693	777	762
<b>SUPPLY</b>						
Production	26.774	26.170	26.235	21.300	22.890	24.010
Import	10.203	8.936	7.783	7.547	8.060	8.080
Beginning Stocks (1 August)	15.227	18.266	20.165	21.699	18.620	17.260
Total Supply <sup>3</sup>	52.204	53.372	54.183	50.546	49.570	49.350
<b>DISAPPEARANCE</b>						
Use	23.811	24.115	24.733	24.294	24.260	24.600
Export	10.051	9.028	7.704	7.591	8.060	8.080
Total Disappearance <sup>3</sup>	33.862	33.143	32.437	31.885	32.320	32.680
Ending Stocks (31 July)	18.266	20.165	21.699	18.619	17.260	16.670
Stock/Use Ratio <sup>2</sup> (%)	77	84	88	77	71	68
Cotlook A Index (U.S cents per pound)	88	91	71	70	82 <sup>4</sup>	

Source: ICAC, Cotton This Month, June 1, 2017 & <sup>1</sup>Cotton World Statistics, May 2017.

<sup>2</sup> Ending stocks / mill use ratio = Ending stocks divided by mill use, multiplied by 100, <sup>3</sup>TEPGE Calculation, <sup>4</sup> 10 months average (2016 August / 2017 May)

Note: The inclusion of linters and waste, changes in weight during transit, differences in reporting periods and measurement error account for differences between World imports and exports.

World cotton consumption has exceeded the production by 24.3 million tons for the first time since the last five seasons. China's share of the world's total consumption has declined to 31% and is estimated to be about 7.6 million tons.

International cotton exports have decreased by about 1.5% and are estimated to be 7.6 million tons. Cotton exports decreased by 18.6% to 2 million tons due to shrinking production volume this season in the US, but maintained its leadership among the world's exporting countries. India, which is the second largest exporter this season after the US, saw an increase of 1.3 million tons in exports this season, despite a drop of about 55% in exports during the 2014/15 season.

Total cotton consumption, which is the sum of consumption and exports, is estimated to be 31.9 million tons, which is about 2% less than the 2014/15 season in the world.

Ending stocks have been decreasing for the first time since the 2009/10 season. Stocks declined by 14.1% compared to the previous season, remaining at 18.6 million tons and 59% of these stocks are held by China. Most of the stocks in the world are held by China because of the purchases made by the Chinese government under the stocking policy

of China National Cotton Reserve between 2011-2014. However, in 2015, the Chinese government put quotas for imports under WTO rules, limiting it to 894 thousand tons. Thus, as a result of the government partially encouraging supply from the domestic market and from the reserve, cotton imports in China have decreased by 46.8% in the 2015/16 season.

China had been the world's largest cotton importer since the 2002/03 season, but fell to third place after Bangladesh and Vietnam in 2015/16. Unlike the other two countries, China is the world's leading cotton producer, but is also one of the largest importers globally at the same time due to the growing needs of the textile and garment industry. On the other hand, continuing growth in imported cotton-based yarn sectors led Bangladesh, Vietnam and Indonesia to become major importing countries. Although Turkey is a cotton producing country like China, it is the fourth largest importer country in the world due to the increasing needs of textile and garment sector.

The decline in Chinese imports has caused to decline international prices in the rest of the world since 2014/15, while polyester prices continue to decline and international cotton prices remain stable at 70 cents/lb.

---

**ESTIMATE IN THE WORLD: 2016/2017**


---

In 2016/17, world cotton areas decreased by about 4% to 29.3 million hectares compared to the previous season, while yield increased by 12% to 777 kgs/ha. World cotton production was estimated at 22.9 million tons with an increase of 7%, while consumption was estimated at 24.3 million tons exceeding production as last season. It is estimated that 60% of the increase in global cotton production comes from the United States, and production is increased by 33% in the US to 3.7 million tons. China's cotton production is estimated to have declined 2% to 4.9 million tons this year, while consumption has increased by 2% to 7.7 million tons.

Consumption of cotton in China has increased by 2% to 7.7 million tons compared to the previous year, while Indian consumption is estimated to have declined by 3% to 5.1 million tons.

China's imports, which started to decrease gradually from the 2011/12 season, are estimated to have increased by 10% to 1.1 million tons in the 2016/17 season. Increase in imports has been estimated 56% in Bangladesh, 42% in Turkey and 110% in Vietnam in world cotton imports. In light of all these developments, it was estimated that world cotton imports declined by 7% to 8.1 million tons. In the 2016/17 season, world cotton exports decreased by 6% compared to the previous season and declined to 8.1 million tons. The US, accounting for 26% of world cotton exports, ranks

first in exports. India ranks second after the United States. It is estimated that stocks decreased by 7% to 17.3 million tons in the world and almost of all due to China and stocks outside of China increased by 6% to 8 million tons. Despite the increase in stocks outside of China, international cotton prices measured by the Cootlook Index A are on average 82 cents/lb from August 2016 to May 2017, well above the previous year's average of 70 cents/lb (Table 1).

It is estimated that in 2016/2017 season started with supply of 18.6 million tons of cotton in the world, 22.9 million tons of production, 8.1 million tons of imports and the supply reached 49.6 million tons. The disappearance of cotton consists of industrial use and export items. 24.3 million tons of cotton were used in the industry and 8.1 million tons were exported. It is estimated that the supply was 49.6 million tons against 32.3 million tons of total disappearance and the season was closed with about 17.3 million tons of stocks (Table 1).

In the 2016/17 season, the decline in cotton stocks as well as the persistence of world cotton consumption have led to an upward movement in international cotton prices, but it has been noted that the degree of this pressure will depend largely on how the Chinese national reserves will be processed and the timing and amount of additional import quotas.

---

**PROJECTION IN THE WORLD: 2017/2018**


---

In the 2017/18 cotton production season, it is predicted that world cotton production will increase by about 5% to 24 million tons due to the high prices in 2016/17 and expected expansion of 5% in cotton areas. The world average yield is expected to increase by 2% to 762 kgs/ha.

As in the last four seasons, it is expected that in the 2017/18 season, India will continue to be the world's largest producer and production will increase by 3% to 6 million tons. Early and adequate monsoon, a higher minimum support price, and the prospect of better returns from cotton compared to competing crops have encouraged Indian farmers to increase their planting area. It is foreseen that China's cotton areas will increase by domestic cotton prices and production will increase by 3% to 5 million tons. In the US, however, high cotton prices and favorable weather conditions encourage farmers to increase cotton plantations by 4.6 million hectares, thus by a 12% increase the production is expected to rise 4.2 million tons, the highest level since 2007/08.

Following the two-season contraction Assuming that the cotton fields in Pakistan will rise and average yield will increase shrinkage, Pakistan's production is expected to increase by 13% to 1.9 million tons.

It is predicted that cotton production will increase to 1.5 million tons by encouraging farmers to expand cotton area in Brazil due to high returns in 2016/17 and partly increase in average yield.

In the 2017/18 season, it is predicted that world cotton consumption will increase by 340 thousand tons to 24.6 million tons. While there is no expectation of a change in cotton consumption which reached to 7.7 million tons this season in

China the world's largest cotton consumer, consumption in India is expected to increase by 2% to 5.2 million tons, with a 3% decline in the previous season.

Consumption is expected to increase by 4% to 2.3 million tons as the Pakistan government provides an incentive package with tax incentives for the textile industry in January 2017. Consumption in Bangladesh is projected to increase by 5% to 1.5 million tons due to strong demand in domestic and outside of the country. It is expected that Turkey's annual consumption capacity of 1.5 million tons will continue to be stable due to the weak supply of domestic cotton demand.

While the US is expected to remain the world's largest cotton exporter, its exports are projected to decline by 3% to 3.1 million tons. It is expected that India's exports will decrease by 6% to 840 thousand tons, Australia's exports will remain unchanged at 800 thousand tons and Bangladesh, Vietnam and China will be the three largest importers in the world. Bangladesh's imports are projected to increase by 7% to 1.5 million tons, 7% to 1.3 million tons in Vietnam and to 1.1 million tons by 2% in China. It is expected that world cotton trade will be stable at 8.1 million tons in the light of all these information.

In the 2017/18 season, world stocks will fall by 3% to 16.7 million tons, of which 46% is expected to remain in China. Cotton stocks outside of China will increase by 13% to 9 million tons, while China's final stocks will decline by about 18% to 7.6 million tons. It is expected that the increases outside of China will be balanced by the decline in Chinese stocks. According to ICAC sources, a large increase in stocks outside of China could cause downward pressure on international cotton prices.

## SITUATION IN TURKEY: 2015/2016

During the 2015/16 cotton production season in Turkey, cotton areas decreased by about 7% to 434 thousand ha. The decline experienced in the cotton areas since the last three seasons has shown farmers tended to plant corn, wheat and sunflower due to high cotton costs. The production amount of 846 thousand tons in the previous season was 738 thousand tons with a decrease of 13%. Approximately 58% of Turkey's total cotton production in the 2015/16 was produced in Southeast Anatolia. This region is followed by Aegean (22%), Cukurova (18%) and Antalya (1%) respectively. (Appendix Table 6). The amount of cotton production is 427 thousand tons in Southeast Anatolia Region, 165 thousand tons in Aegean Region, 134 thousand tons in Cukurova Region and 11 thousand tons in Antalya.

In 2015/16, 265 thousand hectares were produced in Southeastern Anatolia Region and the average cotton yield was 1600 kgs/ha. In Southeastern Anatolia, the provinces with the highest cotton

area are Sanliurfa, Diyarbakir, Mardin and Adiyaman and Gaziantep.

It is known that 92 thousand hectares of cotton were harvested in the Aegean Region. The average cotton yield is 1,570 kgs/ha. With its 58 thousand ha cotton area and 103 thousand tons of production, Aydın has the highest planting area and production. The most important ones that produce cotton after Aydın are İzmir, Denizli and Manisa respectively.

Cotton area in Cukurova Region is 71 thousand ha and the average yield is 1,720 kgs/ha. Cotton agriculture is being done in mostly Adana and Hatay as well as Kahramanmaraş, Mersin and Osmaniye.

In Antalya, 6 thousand ha of cotton are produced and the average yield is 1,730 kgs/ha in this season (Additional Table 5,6).

**Table 2.** Turkey Cotton Supply and Disappearance (000 ton)

	2012/13	2013/14	2014/15	2015/16	2016/17 Estimated
Area (000 ha)	488	451	468	434	416
Yield (kg/ha)	1.760	1.950	1.810	1700	1820
<b>SUPPLY</b>					
Production	858	878	846	738	756
Import <sup>4</sup>	804	924	800	918	801
Beginnings Stocks (1 August)	526	667	835	818	826
Total Supply <sup>1</sup>	2.188	2.469	2.481	2.474	2.383
<b>DISAPPEARANCE</b>					
Domestic Use <sup>1</sup>	1.662	1.802	1.646	1.656	1.455
Exports <sup>4</sup>	47	44	51	50	73
Total Disappearance <sup>1</sup>	1.709	1.846	1.697	1.706	1.528
Ending Stocks (31 July) <sup>2</sup>	667	835	818	826	763
Stock/ Use Ratio (%) <sup>1,5</sup>	40	46	50	50	52
ICE Price (TL/kg) <sup>3</sup>	3,57	4,39	3,91	4,67	6,63

Source: Turkish Statistical Institute

<sup>1</sup>AEPDI Calculations,

<sup>2</sup>ICAC (Cotton World Statistics, May 2017),

<sup>3</sup>İzmir Commercial Exchange

<sup>4</sup>While calculating the import and export quantities, 520100100000; Cotton; hydrophilic / bleached (uncarded, uncombed), and 520100900000; Cotton; others (uncarded, uncombed) GTIP codes were used.

<sup>5</sup>Stock/mill use ratio=Ending stocks/consumption

The consumption rate of production in Turkey has decreased from 51% in 2014/15 to 45% in 2015/16. In this season 918 thousand tons of fiber cotton need was met with imports. Imports have increased by 15% due to the decrease in production. The share of the US in cotton imports/production is about 41% in 2015, 19% in Turkmenistan, 14% in Greece and 9% in Brazil. That is, about 83% of the total imports are covered by the US, Turkmenistan, Brazil and Greece (Appendix Table 15). Total fiber cotton import value is \$1.2 billion in 2015 (Appendix Table 16). Cotton exports vary by received from domestic consumption and the amount of inventories transferred in the previous season as well as the total cotton supply and external demand.

Given the high cotton needs of the textile and apparel sector in Turkey, it is inevitable that fiber cotton exports will remain low. Due to the decrease in production of cotton, there was no change in 2015/16 compared to the previous season and 50 thousand tons of fiber cotton exports were made. Cotton exports have been made mostly to EU countries in 2015, especially to Italy, Poland, the Netherlands, Germany and Greece (Annex Table 17).

Cotton supply consists of production, import and beginning stocks. The fiber supply in Turkey was 2.5 million tons in 2015/16 and the season was closed with 826 thousand tons of stock. Ending stock consists of the difference between supply and disappearance and cotton usage composes of the gap between usage in industry and export items. During the 2015/16 season, 1.7 million tons of cotton were used in the industry and 50 thousand tons of exports were made, resulting in total usage of 1.7 million tons. The stock/use ratio,

which was 50% in the previous season, has not changed. (Table 2).

Cotton fiber prices in Turkey increased by 19% compared to the previous season in 2015/16, and ICE Aegean Standard-1 average was 4.67 TL/kgs (Appendix Table 4). In this season, the price of purchase of seedcotton; 1.85 TL/kgs in TARIŞ, 1.81 TL/kgs in ÇUKOBİRLİK and 2.36 TL/kgs in ANTBİRLİK. The amount of cotton purchased by these three associations is 2.8% of Turkey's total cotton production (Appendix Table 10,11,12). According to TURKSTAT data; during the 2015/16 season, the average price of cotton is 1.57 TL/kg (Appendix Table 14). Producers often sell seed cotton to direct ginning factories. The yield rate in ginning is 41% in Aegean Region, 39% in Southeast Anatolia Region and 38% in Çukurova Region cotton.

The Ministry of Food, Agriculture and Livestock has given deficiency payments support which is 0.65 TL/kg for cotton only produced with certified seed in 2015 (Appendix Table 13). Agricultural subsidies provide additional income to the producers by covering part of the product costs. In Appendix Table 21, the cost coverage ratios of the supplements paid to the float were calculated by dividing the total support by unit financial support by calculating the unit support amounts of the agricultural support items. According to calculations made by the Ministry of Food, Agriculture and Livestock, Agricultural Economics and Policy Development Institute, in 2015, cotton cost is 1.28 TL/kgs. When the total support value made of cotton is proportioned, 54% of the cotton cost is met with agricultural support. When the last five-year period is examined, the cost-to-income ratio of supports applied to cotton has increased steadily.



---

**ESTIMATE IN TURKEY: 2016/2017**


---

According to the data released by the Turkish Statistical Institute (TURKSTAT), in the 2016/2017 cotton areas in Turkey decreased to 416 thousand ha, yield increased by 7% compared to previous season and became 1820 kgs/ha. Total production volume increased to 756 thousand tons due to the increase in yield.

The cotton areas in the Southeastern Anatolia region, which produces 56% of the cotton in Turkey, decreased by 10% to 238 thousand ha in the 2016/17 season. The production amount is 152 thousand tons for Cukurova Region, 181 thousand tons for Aegean Region, 10 thousand tons for Antalya Region and 413 thousand tons for Southeast Anatolia Region.

Seed cotton advance purchase prices for the year 2016 product; 2.35 TL/kgs in TARIŞ, 1.91 TL/kgs in ÇUKOBİRLİK and 2.50 TL/kgs in ANTBİRLİK. The amount of cotton purchased by these three associations is 3.2% of Turkey's total seedcotton production (Appendix Table 10, 11, 12). According to TURKSTAT data, in the 2016/17 season, the average producer price of cotton in Turkey was 1,90 TL/kgs, up 17% from the previous season (Appendix Table 14). According to the data of İzmir Commercial Exchange, the price of fiber cotton was closed at 8.01 TL/kgs in the month of July 2017 with the opening price of 5.53 TL/kgs in August of 2016. The price of Aegean Standard-1 fiber is average 6.63 TL/kgs by 42% increase in during the 2016/17 season.

It is estimated that the import of fiber cotton is about 801 thousand tons and the export is 73 thousand tons. Turkey imported cotton mainly from the USA, Turkmenistan, Greece and Brazil. Total cotton imports were \$1.2 billion in 2016 (Appendix Table 16). Approximately \$124 million worth of fiber was exported in 2016. Approximately 34% of exports were exported to EU countries, especially Italy, Poland, the Netherlands, Germany and Greece (Appendix Table 17).

Cotton supply consists of production, import and beginning stocks. The season was entered with a beginning stocks of 826 thousand tons. It is calculated that the supply of fiber cotton in Turkey

is 2.4 million tons in 2016/17. The disappearance of cotton consists of industrial use and export items. During the 2016/17 season, 1.5 million tons of cotton were used in the industry and 73 thousand tons were exported, so total disappearance was estimated at 1.5 million tons. Ending stocks consist of the difference between supply and disappearance. The estimated amount of stock in circulation this year is 763 thousand tons. In Turkey, the stock/milluse rate in 2016/17 is 52% (Table 2).

In the 2016/17 season, the deficiency payments given to producers of certified seed and cotton by the Ministry of Food, Agriculture and Livestock is 0.75 TL/kgs (Appendix Table 13). When the cotton input/product price parity is examined, it can be seen that 1.85 kgs fertilizer, 0.31 lt diesel, 0.20 kgs seed can be purchased with 1 kgs of cotton in 2012 and in 2016. These parities are increased visibly to 2.43 kg in fertilizer, 0.44 lt in diesel and 0.24 kg in seed. When cotton supports are added to the price of cotton, the amount of input that can be obtained by selling 1 kg of cotton in 2016 increases by 45-46% (Appendix Table 22).

Despite being a new product compared to other organic products, Turkey has become one of the important countries in organic cotton production. Organic cotton production has increased every year, especially in line with external demand. Organic cotton production, which started with the production of 59 cotton farmers in 1998, production in 806 hectares, about 2.500 tons, reached a level of 19 thousand tons in about 3.863 ha by 196 certified cotton producers in 2016. The number of producers producing organic cotton according to years in Turkey, the area of organic cotton production and the amount of production are shown in Appendix Table 20.

Organic cotton production in Turkey is intensively in Şanlıurfa, Aydın, İzmir, Manisa and Denizli. The distribution of organic cotton production in Turkey is stated in Appendix Table 19. The province producing the highest amount of organic cotton is Şanlıurfa with 10,060 tons (52%) in 2016. The other 4 provinces with a high share in organic cotton production are Aydın (21%), İzmir (14%), Denizli (10%) and Manisa (3%).

---

**APPENDIX TABLES**

---

Appendix Table 1. World Cotton Supply and Use

	Area	Yield	Production	Beginning Stocks	Imports	Consumption	Exports	Ending Stocks	Stock/Use Ratio*
	000 ha	kgs/ha	Thousands metric tons						
<b>1970/1971</b>	<b>31,777</b>	<b>369</b>	<b>11,740</b>	<b>4,740</b>	<b>4,086</b>	<b>12,173</b>	<b>3,875</b>	<b>4,605</b>	<b>0.38</b>
1971/1972	33,025	392	12,938	4,681	4,031	12,721	4,111	4,799	0.38
1972/1973	33,818	402	13,595	4,851	4,528	13,034	4,640	5,358	0.41
1973/1974	32,558	418	13,615	5,434	4,408	13,469	4,294	5,727	0.43
1974/1975	33,293	418	13,924	5,727	3,734	12,641	3,814	7,373	0.58
1975/1976	30,003	390	11,705	7,352	4,188	13,336	4,183	5,770	0.43
1976/1977	31,512	393	12,384	5,770	3,951	13,122	3,806	5,232	0.40
1977/1978	34,964	396	13,859	5,232	4,250	13,133	4,239	5,963	0.45
1978/1979	33,999	380	12,932	5,963	4,320	13,703	4,346	5,257	0.38
1979/1980	33,100	425	14,083	5,256	5,093	14,127	5,073	5,292	0.37
<b>1980/1981</b>	<b>33,662</b>	<b>411</b>	<b>13,831</b>	<b>5,328</b>	<b>4,555</b>	<b>14,215</b>	<b>4,414</b>	<b>5,151</b>	<b>0.36</b>
1981/1982	33,948	442	14,991	5,151	4,405	14,147	4,373	5,883	0.42
1982/1983	32,568	445	14,479	5,884	4,350	14,452	4,261	5,957	0.41
1983/1984	32,143	451	14,494	5,957	4,617	14,653	4,309	6,148	0.42
1984/1985	35,224	546	19,247	6,148	4,602	15,107	4,520	10,266	0.68
1985/1986	32,792	532	17,461	10,266	4,763	16,587	4,479	11,386	0.69
1986/1987	29,503	518	15,269	11,387	5,516	18,197	5,755	8,278	0.45
1987/1988	31,236	564	17,609	8,278	5,094	18,116	5,121	7,729	0.43
1988/1989	33,511	546	18,301	7,729	5,654	18,470	5,726	7,364	0.40
1989/1990	31,617	549	17,364	7,364	5,431	18,675	5,293	6,189	0.33
<b>1990/1991</b>	<b>33,010</b>	<b>574</b>	<b>18,951</b>	<b>6,189</b>	<b>5,220</b>	<b>18,575</b>	<b>5,069</b>	<b>6,761</b>	<b>0.36</b>
1991/1992	34,680	596	20,678	6,761	6,497	18,636	6,091	9,361	0.50
1992/1993	32,203	557	17,943	9,362	5,692	18,633	5,522	8,820	0.47
1993/1994	30,444	554	16,863	8,820	5,768	18,495	5,910	7,166	0.39
1994/1995	32,240	584	18,842	7,166	6,462	18,280	6,312	7,770	0.43
1995/1996	36,114	565	20,415	7,770	5,785	18,457	5,967	9,437	0.51
1996/1997	34,215	576	19,700	9,437	6,131	19,030	6,065	10,241	0.54
1997/1998	33,896	595	20,181	10,241	5,729	18,937	5,962	11,207	0.59
1998/1999	33,345	564	18,810	11,208	5,373	18,557	5,486	11,706	0.63
1999/2000	32,253	595	19,194	11,713	5,983	19,667	6,108	11,188	0.57
<b>2000/2001</b>	<b>31,947</b>	<b>611</b>	<b>19,527</b>	<b>11,188</b>	<b>5,764</b>	<b>20,213</b>	<b>5,797</b>	<b>10,624</b>	<b>0.53</b>
2001/2002	33,553	646	21,668	10,624	6,182	20,612	6,365	11,267	0.55
2002/2003	30,060	651	19,580	11,267	6,473	21,259	6,594	9,556	0.45
2003/2004	32,266	655	21,129	9,556	7,237	21,499	7,249	9,088	0.42
2004/2005	35,686	756	26,989	9,088	7,318	23,612	7,775	11,925	0.51
2005/2006	34,305	749	25,679	11,925	9,603	25,013	9,730	12,655	0.51
2006/2007	34,576	776	26,832	12,655	8,220	26,590	8,139	12,942	0.49
2007/2008	32,804	798	26,163	12,942	8,539	26,676	8,448	12,500	0.47
2008/2009	30,044	784	23,551	12,499	6,649	23,751	6,583	12,350	0.52
2009/2010	29,648	753	22,310	12,350	7,929	25,305	7,810	9,338	0.37
<b>2010/2011</b>	<b>33,476</b>	<b>767</b>	<b>25,667</b>	<b>9,338</b>	<b>7,804</b>	<b>24,682</b>	<b>7,630</b>	<b>10,456</b>	<b>0.42</b>
2011/2012	35,916	775	27,837	10,456	9,850	22,821	9,871	15,494	0.68
2012/2013	34,124	785	26,774	15,494	10,203	23,782	10,046	18,567	0.78
2013/2014	32,626	802	26,170	18,567	8,936	24,002	9,027	20,581	0.86
2014/2015	33,886	773	26,185	20,581	7,783	24,439	7,703	22,358	0.91
2015/2016	30,378	693	21,064	22,358	7,538	24,134	7,587	19,198	0.80
2016/2017 proj.	29,323	777	22,775	19,198	7,946	24,156	7,946	17,809	0.74
2017/2018 proj.	30,788	762	23,470	17,809	8,093	24,575	8,093	16,703	0.68
2018/2019 proj.	29,984	770	23,101	16,703	8,486	24,946	8,486	14,859	0.60
2019/2020 proj.	31,376	772	24,215	14,859	8,653	25,176	8,653	13,897	0.55

Source: ICAC, Cotton World Statistics, May 2017.

\* Stocks to use ratio equals ending stocks divided by consumption.

Appendix Table 2. World Supply and Distribution of Cotton

Year Beginning August 1	2012/13	2013/14	2014/15	2015/16 <i>Estimated</i>	2016/17 <i>Projected</i>	2017/18 <i>Projected</i>
	000 tons					
<b>BEGINNING STOCKS</b>						
World Total	<b>15,227</b>	<b>18,266</b>	<b>20,165</b>	<b>21,699</b>	<b>18,620</b>	<b>17,260</b>
China	6,181	9,607	12,026	12,707	11,050	9,220
USA	729	827	512	795	830	700
<b>PRODUCTION</b>						
World Total	<b>26,774</b>	<b>26,170</b>	<b>26,235</b>	<b>21,300</b>	<b>22,890</b>	<b>24,010</b>
India	6,290	6,766	6,562	5,746	5,800	5,960
China	7,300	6,950	6,550	4,988	4,870	5,020
USA	3,770	2,811	3,553	2,806	3,740	4,180
Pakistan	2,002	2,076	2,305	1,537	1,660	1,880
Brazil	1,310	1,734	1,563	1,289	1,490	1,500
Uzbekistan	1,000	910	885	832	790	770
Others	5,102	4,923	4,817	4,101	4,540	4,710
<b>CONSUMPTION</b>						
World Total	<b>23,811</b>	<b>24,115</b>	<b>24,733</b>	<b>24,294</b>	<b>24,260</b>	<b>24,600</b>
China	8,290	7,600	7,657	7,580	7,730	7,710
India	4,762	5,087	5,377	5,296	5,140	5,240
Pakistan	2,216	2,470	2,492	2,256	2,230	2,260
Europe & Turkey	1,560	1,611	1,692	1,687	1,630	1,610
Bangladesh	1,023	1,146	1,204	1,324	1,400	1,470
Vietnam	492	673	875	1,007	1,170	1,260
USA	762	773	778	751	720	740
Brazil	910	862	797	733	700	740
Others	3,796	3,893	3,860	3,661	3,530	3,570
<b>EXPORT</b>						
World Total	<b>10,051</b>	<b>9,028</b>	<b>7,704</b>	<b>7,591</b>	<b>8,060</b>	<b>8,080</b>
USA	2,836	2,293	2,449	1,993	3,160	3,060
India	1,690	2,015	914	1,258	890	840
Middle Africa	825	973	893	962	980	1,080
Brazil	938	485	851	939	610	690
Uzbekistan	690	615	550	543	450	450
Australia	1,343	1,057	520	616	800	800
<b>IMPORT</b>						
<b>World Total</b>	<b>10,203</b>	<b>8,936</b>	<b>7,783</b>	<b>7,547</b>	<b>8,060</b>	<b>8,080</b>
Bangladesh	1,044	1,190	1,177	1,355	1,400	1,500
Vietnam	517	687	934	1,001	1,200	1,280
China	4,426	3,075	1,804	959	1,060	1,080
Turkey	803	924	800	918	830	870
Indonesia	686	651	728	640	700	700
<b>Trade Imbalance <sup>1/</sup></b>	<b>152</b>	<b>-92</b>	<b>79</b>	<b>-43</b>	<b>0</b>	<b>0</b>
<b>Stock Adjustment <sup>2/</sup></b>	<b>-1</b>	<b>-1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>ENDING STOCKS</b>						
<b>World Total</b>	<b>18,266</b>	<b>20,165</b>	<b>21,699</b>	<b>18,619</b>	<b>17,260</b>	<b>16,670</b>
China	9,607	12,026	12,707	11,046	9,220	7,590
USA	827	512	795	827	700	1,090
<b>ENDING STOCKS / MILL USE (%)</b>						
<b>World-Less China <sup>3/</sup></b>	<b>56</b>	<b>49</b>	<b>53</b>	<b>45</b>	<b>49</b>	<b>54</b>
China <sup>4/</sup>	116	158	166	146	119	98
<b>COTLOOK A INDEX <sup>5/</sup></b>	<b>88</b>	<b>91</b>	<b>71</b>	<b>70</b>	<b>82<sup>6</sup></b>	

Source: ICAC, Cotton This Month, June 1, 2017

<sup>1/</sup> The inclusion of linters and waste, changes in weight during transit, differences in reporting periods and measurement error account for differences between World imports and exports. <sup>2/</sup> Difference between calculated stocks and actual; amounts for forward seasons are anticipated

<sup>3/</sup> World less China ending stocks divided by / World less China's mill use, multiplied by 100.

<sup>4/</sup> China's ending stocks divided by China's mill use, multiplied by 100.

<sup>5/</sup> US cent per pound

<sup>6/</sup> 10 months average (2016 August/2017 May)

Appendix Table 3. Supply and Use of Cotton by Country

	Area		Yield		Production		Beginning Stocks		Imports		Consumption		Exports		Ending Stocks		Stock/ Use*	
	000 ha		kgs								000 tons						Ratio	
	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17
Canada							0	0	0	0	0	0			0	0	0.11	0.11
Cuba	4	4	269	269	1	1	1	1	2	2	3	3	0		1	1	0.19	0.19
Dominican R.									1	1	1	1			0	0	0.47	0.47
Mexico	130	95	1,523	1,559	198	148	190	161	222	298	418	418	31	28	161	161	0.36	0.36
USA	3,268	3,848	859	972	2,806	3,738	795	827	7	2	751	718	1,993	3,157	827	697	0.30	0.18
<b>NORTH AMERICA</b>	<b>3,407</b>	<b>3,952</b>	<b>882</b>	<b>984</b>	<b>3,006</b>	<b>3,889</b>	<b>986</b>	<b>990</b>	<b>233</b>	<b>304</b>	<b>1,175</b>	<b>1,142</b>	<b>2,024</b>	<b>3,185</b>	<b>990</b>	<b>859</b>	<b>0.31</b>	<b>0.20</b>
El Salvador							10	9	36	34	37	34			9	9	0.25	0.27
Guatemala							8	7	23	24	24	21			7	7	0.29	0.29
Honduras	0	0	319	318	0	0	0	0			0				0	0		
<b>C. AMÉRICA</b>	<b>2</b>	<b>2</b>	<b>513</b>	<b>512</b>	<b>1</b>	<b>1</b>	<b>17</b>	<b>16</b>	<b>65</b>	<b>58</b>	<b>61</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>16</b>	<b>0.27</b>	<b>0.28</b>
Argentina	376	287	519	551	195	158	306	312	4	2	144	142	48	60	312	271	1.62	1.34
Bolivia	4	4	625	639	3	3	2	2	1	0	3	3			2	2	0.70	0.20
Brazil	955	940	1,350	1,584	1,289	1,489	1,158	795	20	50	733	808	939	610	795	1,020	0.48	0.78
Chile							0	0	0	0	0	0			0	0	0.12	0.12
Colombia	26	26	827	816	22	21	10	14	39	24	56	87	1		14	12	0.25	0.24
Equator	1	1	440	439	1	1	2	3	11	10	11	13			3	3	0.25	0.25
Paraguay	13	10	476	450	6	5	2	3	1	2	2	8	4	2	3	4	0.44	0.69
Peru	27	27	752	814	20	22	15	16	43	39	62	87	1	1	16	16	0.26	0.26
Uruguay							0	0			0	0			0	0	0.58	0.06
Venezuela	15	15	406	390	6	6	5	4	3	4	10	8			4	3	0.43	0.30
<b>SOUTH AMERICA</b>	<b>1,417</b>	<b>1,310</b>	<b>1,088</b>	<b>1,301</b>	<b>1,541</b>	<b>1,703</b>	<b>1,503</b>	<b>1,150</b>	<b>121</b>	<b>132</b>	<b>1,022</b>	<b>1,157</b>	<b>994</b>	<b>674</b>	<b>1,150</b>	<b>1,330</b>	<b>0.57</b>	<b>0.80</b>
Algeria							1	1	3	2	3	3			1	1	0.23	0.23
Egypt	105	55	525	694	55	38	90	80	92	111	128	133	28	30	80	73	0.51	0.46
Morocco							6	4	14	15	16	30			4	4	0.22	0.24
Sudan	50	49	560	487	28	24	28	20			19	19	18	13	20	13	0.55	0.41
Tunisia							3	3	13	12	13	13			3	3	0.21	0.22
<b>N. AFRICA</b>	<b>155</b>	<b>104</b>	<b>536</b>	<b>597</b>	<b>83</b>	<b>62</b>	<b>127</b>	<b>107</b>	<b>122</b>	<b>140</b>	<b>179</b>	<b>198</b>	<b>46</b>	<b>43</b>	<b>107</b>	<b>92</b>	<b>0.47</b>	<b>0.43</b>
Benin	307	392	338	385	104	151	67	58			4	4	108	137	58	68	0.52	0.48
Burkina Faso	663	740	368	385	244	285	157	122			4	4	275	261	122	143	0.44	0.54
Cameron	222	224	482	455	107	102	69	64			2	2	110	111	64	53	0.58	0.47
Middle Africa Republic	32	32	192	216	6	7	3	2					7	7	2	3	0.36	0.42
Chad	289	298	203	239	59	71	23	23			1	1	58	48	23	46	0.39	0.94
Cote D'Ivoire	402	345	333	432	134	149	57	47			2	2	142	134	47	60	0.33	0.44
Guinea	12	12	273	276	3	3	1	1					3	3	1	1	0.41	0.40
Madagascar							3	3							3	3		
Mali	573	656	377	398	216	261	112	104			3	3	221	247	104	115	0.46	0.46
Niger	5	5	448	447	2	2	0	0			1	1	1	1	0	0	0.11	0.11
Senegal	31	20	239	355	7	7	2	1			1	1	8	5	1	3	0.18	0.41
Togo	117	133	256	241	30	32	13	11					33	31	11	11	0.32	0.36
<b>F. AFRICA</b>	<b>2,653</b>	<b>2,856</b>	<b>344</b>	<b>375</b>	<b>912</b>	<b>1,070</b>	<b>507</b>	<b>438</b>			<b>17</b>	<b>17</b>	<b>965</b>	<b>986</b>	<b>438</b>	<b>505</b>	<b>0.45</b>	<b>0.50</b>

Appendix Table 3 (cont.). Supply and Use of Cotton by Country

	Area		Yield		Production		Beginning Stocks		Imports		Consumption		Exports		Ending Stocks		Stock/ Use*	
	000 ha		kgs								000 tons						Ratio	
	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17
Angola	3	3	302	302	1	1	0	0			1	1	0	0	0	0	0.35	0.33
Ethiopia	66	69	642	560	42	39	13	19	13	13	50	45	0	0	19	19	0.37	0.36
Ghana	15	15	373	370	6	6	2	1			1	1	5	4	1	1	0.24	0.26
Kenya	29	29	181	183	5	5	1	2	1	0	5	5			2	3	0.34	0.72
Malawi	141	134	230	240	33	32	24	22			3	3	31	29	22	23	0.65	0.72
Mozambique	101	133	150	170	15	23	22	26			1		10	29	26	20	2.52	0.68
Nigeria	253	253	205	202	52	51	29	22	1	1	23	19	37	31	22	18	0.36	0.32
South Africa	8	17	1,208	839	10	15	18	9	16	17	21	20	14	7	9	12	0.27	0.41
Tanzania	315	315	217	217	68	68	95	87			39	34	38	53	87	64	1.13	0.69
Uganda	65	74	314	373	20	28	21	21			0	2	20	32	21	16	1.05	0.50
Congo							2	2	8	8	8	8			2	2	0.27	0.27
Zambia	122	122	325	325	40	40	42	39			2		41	40	39	37	0.91	0.91
Zimbabwe	101	202	114	180	12	36	25	3			3	4	30	20	3	17	0.10	0.72
<b>S. AFRICA</b>	<b>1,240</b>	<b>1,388</b>	<b>248</b>	<b>250</b>	<b>307</b>	<b>347</b>	<b>300</b>	<b>260</b>	<b>60</b>	<b>59</b>	<b>179</b>	<b>167</b>	<b>227</b>	<b>247</b>	<b>260</b>	<b>237</b>	<b>0.64</b>	<b>0.55</b>
Kazakhstan	99	111	453	634	45	70	17	12	0	0	14	11	36	55	12	16	0.24	0.24
Kyrgyzstan	14	14	810	810	12	12	6	4	4	4	1	1	16	14	4	4	0.23	0.27
Tajikistan	170	165	507	485	86	80	30	27			9	9	79	71	27	27	0.31	0.34
Turkmenistan	545	545	578	536	315	292	245	150			137	152	273	178	150	123	0.36	0.39
Uzbekistan	1,298	1,250	641	631	832	789	264	221	1	1	334	345	543	445	221	238	0.25	0.31
<b>C. ASIA</b>	<b>2,126</b>	<b>2,085</b>	<b>607</b>	<b>596</b>	<b>1,290</b>	<b>1,243</b>	<b>562</b>	<b>414</b>	<b>5</b>	<b>5</b>	<b>496</b>	<b>518</b>	<b>947</b>	<b>763</b>	<b>414</b>	<b>409</b>	<b>1.40</b>	<b>1.54</b>
Austria							0	0	4	4	3	5	1	1	0	0	0.12	0.12
Azerbaijan	19	42	733	756	14	32	11	6			14	17	5	10	6	13	0.34	0.53
Belarus							4	4	11	11	11	11			4	4	0.34	0.34
Belgium							2	2	11	10	7	4	4	4	2	2	0.16	0.17
Bulgaria	2	1	324	324	1	0	0	1	5	5	5	5	0	0	1	1	0.20	0.18
Czech Republic							0	0	3	3	3	3			0	0	0.13	0.13
Denmark									0	0	0	0						
Estonia																		
Finland																		
France							3	2	12	13	10	13	3	3	2	2	0.14	0.14
Germany							10	9	44	44	38	48	7	6	9	9	0.20	0.21
Greece	240	211	908	1,009	218	213	48	44	6	5	20	19	209	198	44	44	0.19	0.20
Hungary							0	0	1	1		1	1		0	0	0.17	0.03
Ireland							0	0	0	0	0	0	0		0	0	0.13	0.09
Italia							7	7	40	39	37	48	2	3	7	7	0.17	0.17
Latvia							0	0	1	0	1	0	0	0	0	0	0.09	0.03
Lithuania							0	0							0	0		
Moldova							1	1	2	2	2	2			1	1	0.34	0.34
Holland							0	0	4	4	4	5			0	0	0.10	0.10
Norway																		
Poland							0	0	3	3	3	7	0		0	0	0.12	0.12
Portuguese							7	7	38	38	37	33	0	0	7	7	0.19	0.19
Romania							0	0	0	0	0	1	0		0	0	0.08	0.09
Russia	1	1	521	520	1	1	24	13	52	62	64	49	0	0	13	13	0.20	0.21

Appendix Table 3 (cont.). Supply and Use of Cotton by Country

	Area		Yield		Production		Beginning Stocks		Imports		Consumption		Exports		Ending Stocks		Stock/ Use*	
	000 ha		kgs								000 tons						Ratio	
	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17
Slovakia Republic																		
Spain	63	61	885	828	56	50	14	10	3	3	5	5	57	48	10	10	0.16	0.19
Sweden							0	0	0	0	0	0			0	0		0.74
Switzerland							0	0	3	3	3	3	0	0	0	0	0.10	0.10
Ukraine							0	0	2	2	2	2			0	0	0.23	0.25
England							0	0	0	0	0	0	0		0	0	0.12	0.14
Former Yugoslavia							1	1	7	7	7	6			1	1	0.19	0.19
<b>EUROPE</b>	<b>327</b>	<b>318</b>	<b>885</b>	<b>933</b>	<b>289</b>	<b>296</b>	<b>136</b>	<b>110</b>	<b>255</b>	<b>262</b>	<b>280</b>	<b>291</b>	<b>290</b>	<b>275</b>	<b>110</b>	<b>117</b>	<b>0.19</b>	<b>0.21</b>
<b>Including EU-28</b>	<b>305</b>	<b>273</b>	<b>899</b>	<b>966</b>	<b>275</b>	<b>264</b>	<b>93</b>	<b>83</b>	<b>176</b>	<b>174</b>	<b>176</b>	<b>199</b>	<b>284</b>	<b>264</b>	<b>83</b>	<b>83</b>	<b>0.18</b>	<b>0.19</b>
China	3,362	3,126	1,484	1,558	4,988	4,871	12,707	11,046	959	1,057	7,580	7,705	28	21	11,046	9,221	1.45	1.19
Taiwan							49	41	154	132	161	183			41	41	0.22	0.31
Hong Kong							33	33	0	0			1	1	33	33	62.96	41.48
<b>SUB TOTAL</b>	<b>3,362</b>	<b>3,126</b>	<b>1,484</b>	<b>1,558</b>	<b>4,988</b>	<b>4,871</b>	<b>12,789</b>	<b>11,121</b>	<b>1,114</b>	<b>1,189</b>	<b>7,742</b>	<b>7,888</b>	<b>28</b>	<b>22</b>	<b>11,121</b>	<b>9,295</b>	<b>1.43</b>	<b>1.18</b>
Australia	270	557	2,319	1,744	626	972	182	185	0	0	7	7	616	802	185	348	0.30	0.43
Indonesia	8	8	603	615	5	5	107	96	640	699	654	724	3		96	133	0.15	0.20
Japan							16	16	67	65	67	71			16	16	0.23	0.24
Korea, D.R.							1	1	5	5	5	5			1	1	0.24	0.24
KoreaA, Rep.							68	54	256	229	269	280	1	1	54	53	0.20	0.23
Malaysia							12	17	96	82	61	16	31	8	17	26	0.19	0.36
Philippines	0	0	569	567	0	0	3	3	10	10	10	11			3	3	0.30	0.28
Singapore							0	0	9	7			9	7	0	0	0.04	0.05
Thailand	2	2	518	517	1	1	44	46	278	254	278	342			46	46	0.16	0.18
Vietnam	5	5	460	460	2	2	154	151	1,001	1,198	1,007	819			151	183	0.15	0.16
<b>EAST ASIA</b>	<b>305</b>	<b>591</b>	<b>2,106</b>	<b>1,671</b>	<b>642</b>	<b>988</b>	<b>591</b>	<b>570</b>	<b>2,363</b>	<b>2,550</b>	<b>2,366</b>	<b>2,283</b>	<b>660</b>	<b>818</b>	<b>570</b>	<b>811</b>	<b>0.19</b>	<b>0.25</b>
Afghanistan	35	40	400	387	14	16	5	5			4	4	10	10	5	7	0.37	0.48
Bangladesh	40	40	675	708	27	28	314	372	1,355	1,399	1,324	970			372	395	0.28	0.28
India	11,877	10,500	484	553	5,746	5,803	2,081	1,507	1,234	453	5,296	5,269	1,258	886	1,507	1,740	0.23	0.29
Myanmar	239	244	653	634	156	155	104	104	51	10	207	201			104	62	0.50	0.30
Pakistan	2,902	2,496	530	666	1,537	1,663	753	570	585	595	2,256	2,528	50	25	570	570	0.25	0.25
Sri Lanka							0	0	2	2	2	2			0	0	0.11	0.11
<b>SOUTH ASIA</b>	<b>15,096</b>	<b>13,323</b>	<b>496</b>	<b>575</b>	<b>7,483</b>	<b>7,666</b>	<b>3,259</b>	<b>2,558</b>	<b>2,226</b>	<b>2,460</b>	<b>9,091</b>	<b>8,976</b>	<b>1,317</b>	<b>921</b>	<b>2,558</b>	<b>2,774</b>	<b>0.25</b>	<b>0.28</b>
Iran	72	70	687	824	49	58	29	30	51	52	100	131			30	30	0.30	0.27
Iraq	17	13	362	361	6	5	1	2	5	4	10	13			2	2	0.21	0.21
Israel	9	8	1,891	1,781	17	14	1	2					17	14	2	2	0.11	0.13
Syria	44	35	879	983	39	35	68	22			60	95	25	22	22	11	0.27	0.23
Turkey	434	415	1,475	1,552	640	644	818	826	918	831	1,500	1,344	50	88	826	763	0.53	0.50
<b>SUB TOTAL</b>	<b>592</b>	<b>544</b>	<b>1,281</b>	<b>1,390</b>	<b>757</b>	<b>756</b>	<b>922</b>	<b>886</b>	<b>984</b>	<b>898</b>	<b>1,685</b>	<b>1,608</b>	<b>93</b>	<b>124</b>	<b>886</b>	<b>810</b>	<b>0.50</b>	<b>0.47</b>
<b>WORLD TOTAL</b>	<b>30,680</b>	<b>29,600</b>	<b>694</b>	<b>773</b>	<b>21,300</b>	<b>22,893</b>	<b>21,699</b>	<b>18,619</b>	<b>7,547</b>	<b>8,056</b>	<b>24,294</b>	<b>24,359</b>	<b>7,591</b>	<b>8,056</b>	<b>18,619</b>	<b>17,256</b>	<b>0.77</b>	<b>0.71</b>

Resource: ICAC, Cotton This Month, June 1, 2017

\*Ending stocks divided by consumption plus exports

Appendix Table 4. – Monthly Cotton Prices of Cotlook A Index, The USA Memphis and Izmir Commercial Exchange (ICE)

DATE	Cotlook A Index			The USA Memphis			ICE			TCMB Forex Selling	Cotton Process Total
	(cent/lb)	(US\$/kgs)	(TL/kgs)	(cent/lb)	(US\$/kgs)	(TL/kgs)	(TL/kgs)	(US\$/kgs)	(cent/lb)	US\$	(tons)
2012 January	100.91	2.23	4.10	109.57	2.42	4.45	3.60	1.95	88.56	1.8478	15,921
February	100.75	2.22	3.90	105.18	2.32	4.07	3.78	2.15	97.65	1.7595	10,584
March	99.50	2.19	3.91	101.63	2.24	4.00	3.75	2.10	95.34	1.7879	13,697
April	100.08	2.21	3.94	102.99	2.27	4.05	3.71	2.07	94.29	1.7884	9,809
May	89.82	1.98	3.57	92.72	2.04	3.68	3.53	1.96	88.87	1.8054	9,990
June	82.15	1.81	3.30	84.74	1.87	3.40	3.47	1.90	86.44	1.8248	7,119
July	83.90	1.85	3.35	86.24	1.90	3.44	3.48	1.92	87.22	1.8136	9,780
August	84.45	1.86	3.33	85.38	1.88	3.37	3.43	1.91	86.88	1.7944	15,897
September	84.15	1.86	3.34	85.70	1.89	3.40	3.44	1.91	86.66	1.8043	8,534
October	81.91	1.81	3.25	83.57	1.84	3.31	3.20	1.77	80.68	1.8029	10,662
November	80.87	1.78	3.19	82.06	1.81	3.24	3.20	1.78	81.09	1.7937	13,382
December	83.47	1.84	3.28	85.65	1.89	3.37	3.24	1.81	82.39	1.7876	14,319
2013 January	85.51	1.89	3.33	87.75	1.93	3.42	3.38	1.91	86.68	1.7724	9,055
February	89.71	1.98	3.51	91.84	2.03	3.59	3.67	2.07	93.93	1.7760	12,350
March	94.45	2.08	3.76	96.74	2.13	3.85	3.91	2.16	98.16	1.8105	8,160
April	92.81	2.05	3.67	94.20	2.08	3.73	3.81	2.12	96.23	1.7997	9,356
May	92.64	2.04	3.72	93.86	2.07	3.77	3.73	2.04	92.85	1.8261	9,097
June	93.08	2.05	3.89	94.34	2.08	3.94	3.81	2.01	91.25	1.8979	4,604
July	92.67	2.04	3.95	93.70	2.07	3.99	4.02	2.08	94.43	1.9351	5,610
August	92.42	2.04	3.98	96.55	2.13	4.16	4.23	2.16	98.19	1.9582	5,169
September	90.09	1.99	4.01	93.95	2.07	4.18	4.18	2.07	94.02	2.0208	4,935
October	89.39	1.97	3.92	93.20	2.06	4.09	4.10	2.06	93.50	1.9932	5,441
November	84.65	1.87	3.77	87.98	1.94	3.92	4.04	1.99	90.67	2.0254	20,765
December	87.49	1.93	3.97	91.51	2.02	4.15	4.00	1.94	88.20	2.0615	19,538
2014 January	90.96	2.01	4.45	94.40	2.08	4.62	4.56	2.05	93.27	2.2223	11,935
February	94.05	2.07	4.59	96.96	2.14	4.73	4.61	2.08	94.53	2.2167	7,729
March	96.95	2.14	4.74	100.94	2.23	4.93	4.65	2.09	95.13	2.2218	15,491
April	94.34	2.08	4.42	99.99	2.20	4.69	4.68	2.20	99.81	2.1313	8,104
May	92.63	2.04	4.27	97.87	2.16	4.51	4.62	2.21	100.26	2.0946	8,438
June	90.85	2.00	4.24	94.98	2.09	4.43	4.56	2.15	97.79	2.1195	8,117
July	83.77	1.85	3.91	87.24	1.92	4.07	4.49	2.12	96.16	2.1225	5,640
August	74.00	1.63	3.52	75.25	1.66	3.58	4.36	2.02	91.66	2.1622	5,228
September	73.38	1.62	3.56	74.92	1.65	3.64	4.22	1.91	86.89	2.2076	5,076
October	70.34	1.55	3.50	73.48	1.62	3.66	3.72	1.64	74.74	2.2624	3,258
November	67.53	1.49	3.32	71.70	1.58	3.53	3.54	1.58	71.91	2.2376	16,414
December	68.30	1.51	3.44	71.30	1.57	3.59	3.50	1.53	69.42	2.2918	20,682



Appendix Table 4 (cont).– Monthly Cotton Prices of Cotlook A Index, The USA Memphis and Izmir Commercial Exchange (ICE)

DATE	Cotlook A Index			The USA Memphis			ICE			TCMB Forex Selling	Cotton Process Total
	(cent/lb)	(US\$/kgs)	(TL/kgs)	(cent/lb)	(US\$/kgs)	(TL/kgs)	(TL/kgs)	(US\$/kgs)	(cent/lb)	US\$	(tons)
2015 January	67.35	1.49	3.46	69.73	1.54	3.58	3.70	1.59	72.10	2.3325	8,579
February	69.84	1.54	3.78	73.11	1.61	3.96	3.78	1.54	69.86	2.4596	8,669
March	69.35	1.53	3.99	73.10	1.61	4.21	3.87	1.48	67.27	2.6149	13,485
April	71.70	1.58	4.21	74.95	1.65	4.40	3.84	1.44	65.39	2.6692	14,214
May	72.90	1.61	4.26	75.44	1.66	4.41	4.13	1.55	70.62	2.6581	10,543
June	72.35	1.60	4.28	75.30	1.66	4.46	4.29	1.59	72.46	2.6911	10,174
July	72.36	1.60	4.42	76.24	1.68	4.66	4.39	1.58	71.79	2.7795	12,395
August	71.76	1.58	4.61	77.27	1.70	4.96	4.44	1.52	69.12	2.9199	14,992
September	68.74	1.52	4.61	74.78	1.65	5.02	4.66	1.53	69.48	3.0488	11,811
October	69.02	1.52	4.45	65.04	1.43	4.19	4.47	1.53	69.35	2.9296	5,298
November	69.19	1.53	4.38	75.78	1.67	4.80	4.57	1.59	72.22	2.8763	16,271
December	70.39	1.55	4.53	76.40	1.68	4.91	4.55	1.56	70.77	2.9225	17,720
2016 January	68.75	1.52	4.56	74.28	1.64	4.92	4.79	1.59	72.28	3.0124	10,353
February	66.52	1.47	4.31	71.05	1.57	4.60	4.70	1.60	72.52	2.9460	11,709
March	65.61	1.45	4.18	69.36	1.53	4.42	4.50	1.55	70.61	2.8969	12,126
April	69.28	1.53	4.33	73.31	1.62	4.58	4.59	1.62	73.47	2.8398	11,907
May	70.18	1.55	4.53	74.39	1.64	4.80	4.76	1.62	73.80	2.9319	8,986
June	74.10	1.63	4.76	77.03	1.70	4.95	4.86	1.66	75.60	2.9222	9,546
July	82.27	1.81	5.36	84.19	1.86	5.49	5.19	1.75	79.62	2.9629	3,379
August	80.26	1.77	5.24	82.02	1.81	5.36	5.53	1.86	84.69	2.9682	9,796
September	78.31	1.73	5.11	72.11	1.59	4.70	5.05	1.70	77.41	2.9654	4,249
October	78.39	1.73	5.30	80.40	1.77	5.44	5.07	1.65	74.98	3.0735	7,256
November	78.94	1.74	5.68	81.64	1.80	5.88	5.48	1.67	76.10	3.2733	25,244
December	79.52	1.75	6.11	82.21	1.81	6.32	5.87	1.68	76.34	3.4952	19,431
2017 January	82.33	1.82	6.78	84.31	1.86	6.94	6.60	1.76	80.18	3.7416	18,105
February	85.15	1.88	6.89	86.69	1.91	7.02	7.00	1.90	86.49	3.6790	13,496
March	86.69	1.91	7.00	88.01	1.94	7.11	7.33	2.00	90.80	3.6696	16,268
April	87.04	1.92	7.01	88.15	1.94	7.10	7.72	2.11	95.87	3.6604	7,011
May	88.59	1.95	6.96	89.76	1.98	7.05	7.95	2.23	101.24	3.5695	11,056
June	84.96	1.87	6.59	85.73	1.89	6.65	7.90	2.24	101.83	3.5263	5,933
July	84.07	1.85	6.60	84.80	1.87	6.65	8.01	2.25	102.09	3.5663	2,273

Source: Izmir Commercial Exchange 2017

Note: Until April 2015, Izmir Commodity Exchange cotton prices were given as Standard Guaranty and as of April 2015, 41 colour Aegean Cotton because of type change.

Appendix Table 5. Cotton Area Sown, Production and Yield by Province in Turkey															
Provinces	Area (da)			Seed Cotton Production (tons)			Seed Cotton Yield (kgs/da)			Fiber Cotton Production (tons)			Fiber Yield (kgs/da)		
	14/15	15/16	16/17	14/15	15/16	16/17	14/15	15/16	16/17	14/15	15/16	16/17	14/15	15/16	16/17
<b>ÇUKUROVA</b>															
Adana	363,898	267,471	273,458	204,467	138,612	151,880	562	518	555	73,608	49,901	54,680	202	187	200
Mersin	17,500	17,500	19,000	11,029	9,155	10,973	630	523	578	3,970	3,296	3,950	227	188	208
Hatay	371,066	393,392	439,594	196,766	209,458	242,357	530	532	551	70,835	75,406	87,248	191	192	198
Kahramanmaraş	38,377	34,690	37,789	18,392	15,534	16,501	479	448	437	6,620	5,593	5,940	172	161	157
Osmaniye	650	700	700	274	257	260	422	367	371	99	92	93	152	131	133
<b>SOUTHERN EAST</b>															
Diyarbakır	396,869	308,999	331,529	191,729	141,289	169,215	483	457	510	69,022	50,866	60,917	174	165	184
Şanlıurfa	2,183,733	2,060,353	1,802,857	1,022,213	916,298	852,391	471	445	473	367,995	329,867	306,859	170	160	170
Gaziantep	80,725	66,050	58,900	40,162	32,368	29,161	498	490	495	14,457	11,652	10,498	179	176	178
Adıyaman	73,608	79,505	58,496	35,242	34,872	29,461	479	439	504	12,688	12,553	10,605	172	158	181
Mardin	104,614	86,554	88,450	55,203	41,319	43,265	528	477	489	19,873	14,875	15,576	190	172	176
Siirt	3,450	500	600	1,578	223	265	457	446	442	568	80	95	165	160	158
Batman	3,500	800		1,755	321		501	401		632	116		181	145	
Şırnak	47,677	42,026	42,101	27,404	20,636	23,048	575	491	548	9,864	7,426	8,297	207	177	197
Kilis	495	391	400	146	139	159	295	355	398	53	50	57	107	128	143
Iğdır	-	-	1,200	-	-	442	-	-	368	-	-	159	-		133
<b>AEGEAN</b>															
Aydın	588,795	579,064	617,375	316,856	287,473	326,475	538	496	529	114,071	103,491	117,532	194	179	190
Balıkesir	2,370	1,560	1,545	996	566	624	420	363	404	358	204	224	151	131	145
Çanakkale	1,400	195	90	485	55	31	346	282	344	175	20	11	125	103	122
Denizli	64,802	66,712	74,947	36,020	31,817	38,206	556	477	510	12,966	11,454	13,755	200	172	184
İzmir	234,945	232,205	220,072	133,700	120,505	118,793	569	519	540	48,134	43,382	42,767	205	187	194
Manisa	41,955	34,955	28,217	23,634	17,580	15,925	563	505	564	8,508	6,330	5,733	203	182	203
Muğla	4,260	4,222	3,428	1,884	1,670	1,528	442	396	446	679	600	550	159	142	160
<b>ANTALYA</b>	56,740	62,290	59,350	30,065	29,853	29,040	530	479	489	10,825	10,746	10,454	191	173	176
<b>TURKEY</b>	<b>4,681,429</b>	<b>4,340,134</b>	<b>4,160,098</b>	<b>2,350,000</b>	<b>2,050,000</b>	<b>2,100,000</b>	<b>502</b>	<b>472</b>	<b>505</b>	<b>846,000</b>	<b>738,000</b>	<b>756,000</b>	<b>181</b>	<b>170</b>	<b>182</b>

Source: Turkish Statistical Institute, 2018

Appendix Table 6. Cotton Area, Fiber Production and Fiber Yield by Region in Turkey

	Aegean Region					Çukurova Region					Southern East Region					Antalya					Total				
	Area		Production		Yield	Area		Production		Yield	Area		Production		Yield	Area		Production		Yield	Area		Production		Yield
	000 ha	%	000 tons	%	kgs/ha	000 ha	%	000 tons	%	kgs/ha	000 ha	%	000 tons	%	kgs/ha	000 ha	%	000 tons	%	kgs/ha	000 ha	%	000 tons	%	kgs/ha
1980/1981	218	32	185	37	851	369	55	253	51	687	51	8	26	5	504	35	5	36	7	1039	673	100	500	100	770
1981/1982	215	33	200	41	932	351	54	220	45	628	53	8	31	6	573	35	5	37	8	1065	654	100	488	100	800
1982/1983	198	33	178	36	901	307	52	243	50	792	54	9	32	7	598	36	6	35	7	984	595	100	488	100	819
1983/1984	209	35	202	39	965	288	48	234	45	813	71	12	46	9	652	37	6	40	8	1074	605	100	522	100	876
1984/1985	263	35	216	37	819	360	47	261	45	723	91	12	66	11	722	46	6	38	7	839	760	100	581	100	776
1985/1986	223	34	199	38	892	302	46	210	41	696	93	14	66	13	707	41	6	43	8	1033	659	100	518	100	832
1986/1987	216	37	209	40	966	234	40	204	39	871	94	16	70	13	742	44	7	40	8	914	588	100	523	100	873
1987/1988	226	39	224	42	993	218	37	185	34	848	103	18	92	17	890	38	6	36	7	926	585	100	537	100	914
1988/1989	259	35	305	47	1135	311	43	219	34	704	122	17	85	13	695	39	5	42	6	1078	731	100	651	100	903
1989/1990	267	37	255	41	957	275	38	188	30	682	142	20	130	21	914	41	6	44	7	1084	725	100	617	100	909
1990/1991	258	40	285	44	1102	211	33	190	29	900	141	22	142	22	1014	32	5	38	6	1192	642	100	655	100	1052
1991/1992	253	43	263	47	997	184	31	161	29	877	130	22	115	20	888	22	4	22	4	1021	589	100	561	100	946
1992/1993	261	41	260	45	996	218	34	193	34	886	136	21	95	17	703	23	4	25	4	1108	638	100	573	100	923
1993/1994	236	42	272	45	1149	151	27	152	25	945	150	27	153	25	1018	20	4	25	4	1257	557	100	602	100	1092
1994/1995	237	41	265	42	1118	159	28	180	29	1062	160	28	164	26	1029	16	3	20	3	1231	572	100	629	100	1110
1995/1996	267	35	308	36	1156	254	34	284	33	1119	206	27	225	26	1091	30	4	34	4	1140	757	100	851	100	1127
1996/1997	268	36	278	35	1044	219	29	231	29	1054	228	31	260	32	1103	28	4	32	4	1125	743	100	801	100	1082
1997/1998	264	37	307	37	1166	172	24	201	24	1173	266	37	309	37	1159	17	2	20	2	1176	719	100	837	100	1169
1998/1999	252	33	285	32	1133	178	23	191	22	1097	313	41	385	44	1229	17	2	20	2	1189	760	100	881	100	1162
1999/2000	246	34	303	38	1230	122	17	139	18	1141	332	46	329	42	989	19	3	21	3	1109	719	100	792	100	1117
2000/2001	208	32	286	33	1375	116	18	153	17	1315	317	48	427	49	1346	13	2	14	2	1108	654	100	880	100	1286
2001/2002	236	34	269	29	1146	152	22	218	24	1427	298	43	422	46	1212	11	2	11	1	1072	697	100	920	100	1214
2002/2003	224	32	305	31	1359	141	20	212	22	1482	320	46	454	46	1422	9	1	12	1	1360	694	100	983	100	1035
2003/2004	203	32	266	29	1311	126	20	196	21	1276	300	47	444	48	1478	8	1	12	1	1520	637	100	918	100	1396
2004/2005	176	28	254	27	1445	130	20	192	20	1474	325	51	476	51	1463	9	1	14	2	1600	640	100	936	100	1462
2005/2006	144	26	219	25	1524	103	19	187	22	1823	295	54	448	52	1517	5	1	10	1	1902	547	100	864	100	1582
2006/2007	151	26	225	23	1058	126	21	241	25	1626	310	52	503	51	1436	4	1	8	1	1810	591	100	977	100	1653
2007/2008	119	22	166	19	951	115	22	223	26	1750	292	55	472	54	1480	4	1	6	1	1590	530	100	868	100	1636
2008/2009	83	17	95	14	830	95	19	150	22	1372	313	63	423	63	1169	4	1	5	1	1330	495	100	673	100	1360
2009/2010	81	19	114	18	982	100	24	170	27	1470	236	56	349	55	1273	3	1	5	1	1530	420	100	638	100	1520
2010/2011	84	17	144	18	1206	105	22	201	25	1884	288	60	464	57	1614	4	1	7	1	1770	481	100	817	100	1700
2011/2012	98	18	168	18	1271	124	23	239	25	1854	314	58	536	56	1627	6	1	11	1	1910	542	100	955	100	1760
2012/2013	83	17	152	18	1340	97	20	182	21	1730	302	62	513	60	1610	6	1	11	1	2000	488	100	858	100	1760
2013/2014	83	18	177	20	1730	83	18	176	20	2000	279	63	512	58	1840	6	1	13	2	2130	451	100	878	100	1950
2014/2015	94	20	185	22	1738	79	17	155	18	1888	289	62	495	59	1717	6	1	11	1	1910	468	100	846	100	1810
2015/2016	92	21	165	22	1570	71	16	134	18	1720	265	61	427	58	1600	6	1	11	1	1730	434	100	738	100	1700
2016/2017	95	23	181	24	1710	77	19	152	20	1790	238	57	413	55	1690	6	1	10	1	1760	416	100	756	100	1820

Source: Ministry of Food, Agriculture and Livestock, Turkish Statistical Institute

Appendix Table 7. Cotton and Textile Import of Turkey (tons)

	August	September	October	November	December	January	February	March	April	May	June	July	Total
<b>2012/13</b>													
Cotton	38,673	48,233	46,900	73,840	48,549	53,741	72,175	88,190	91,800	96,203	73,424	72,040	803,769
Cotton Yarn	9,532	10,060	9,536	11,381	11,270	13,929	14,316	16,671	24,865	25,693	16,414	15,533	179,200
Weaving	8,045	8,493	7,979	11,147	9,803	11,486	11,809	11,460	10,647	11,591	10,373	11,536	124,371
Shoulder Padding-Felt	3	2	2	0	1	2	2	1	2	1	1	1	17
Carpets and Rugs	5	5	24	3	1	2	1	4	2	9	1	3	61
Special Weaving Textile	379	292	299	312	357	206	128	198	193	315	405	544	3,629
Laminated Textile	29	78	26	40	76	26	26	25	32	10	28	36	432
Knitting	16	3	0	3	1	0	0	0	1	0	4	1	29
Knitting Wearing and Accessories	1,863	1,818	1,482	1,698	1,182	1,579	1,790	1,604	1,689	1,980	1,739	2,522	20,946
Other Wearing and Accessories	2,412	3,205	2,804	2,287	2,018	2,657	2,923	3,446	3,465	3,809	3,076	3,952	36,052
Other Manufactured Textile	211	162	120	257	219	203	153	147	253	206	221	239	2,391
Total	61,168	72,351	69,172	100,969	73,478	83,832	103,323	121,745	132,949	139,818	105,685	106,407	1,170,897
<b>2013/14</b>													
Cotton	34,963	40,605	86,547	86,428	73,173	81,937	96,140	103,242	100,076	93,527	66,840	61,060	924,539
Cotton Yarn	9,748	10,368	11,915	11,906	11,770	14,641	16,916	17,807	20,920	21,663	22,204	18,138	187,997
Weaving	9,948	9,726	8,106	9,858	8,965	9,563	10,918	10,815	10,058	11,309	10,603	9,404	119,274
Shoulder Padding-Felt	2	5	16	5	9	6	7	7	8	11	12	11	98
Carpets and Rugs	0	1	1	4	8	0	1	1	0	0	12	2	32
Special Weaving Textile	402	291	195	301	305	93	118	143	137	226	181	475	2,866
Laminated Textile	9	9	7	101	21	62	24	22	48	14	15	14	345
Knitting	6	1	0	0	0	1	2	1	1	5	3	0	21
Knitting Wearing and Accessories	1,869	2,240	1,635	2,020	1,650	2,127	1,543	1,892	1,930	2,024	1,571	1,892	22,392
Other Wearing and Accessories	3,912	5,928	4,107	3,781	3,363	4,743	3,885	3,989	3,695	3,218	2,447	3,487	46,555
Other Manufactured Textile	15	24	10	9	7	3	5	4	8	8	9	6	108
Total	60,874	69,197	112,540	114,412	99,272	113,176	129,558	137,923	136,882	132,005	103,896	94,490	1,304,226
<b>2014/15</b>													
Cotton	45,750	46,948	66,849	86,332	64,473	55,843	77,990	95,325	79,709	69,668	60,246	51,140	800,273
Cotton Yarn	32,750	24,628	25,005	19,965	29,706	14,945	13,735	13,843	17,073	13,757	20,246	13,609	239,262
Weaving	9,822	9,588	8,330	9,218	9,233	10,167	7,780	8,819	8,312	9,954	8,848	6,868	106,939
Shoulder Padding-Felt	9	14	9	12	12	13	15	23	29	19	34	25	214
Carpets and Rugs	26	4	0	2	1	1	6	6	15	4	4	3	72
Special Weaving Textile	595	564	302	242	267	76	36	129	185	130	151	217	2,894
Laminated Textile	87	46	85	23	24	44	54	37	12	41	91	26	570
Knitting	14	1	58	7	3	0	1	4	8	0	0	9	105

Appendix Table 7 (cont.) Cotton and Textile Import of Turkey (tons)

	August	September	October	November	December	January	February	March	April	May	June	July	Total
Knitting Wearing and Accessories	3,294	3,328	2,480	2,406	2,414	1,635	1,511	1,972	1,469	1,433	1,574	1,872	25,388
Other Wearing and Accessories	5,885	5,711	3,422	3,377	3,776	3,385	3,107	4,073	3,250	2,861	2,741	3,066	44,654
Other Manufactured Textile	8	7	8	5	6	4	2	3	3	1	3	2	52
<b>Total</b>	<b>98,240</b>	<b>90,839</b>	<b>106,548</b>	<b>121,589</b>	<b>109,915</b>	<b>86,113</b>	<b>104,237</b>	<b>124,234</b>	<b>110,065</b>	<b>97,868</b>	<b>93,938</b>	<b>76,837</b>	<b>1,220,423</b>
<b>2015/16</b>													
Cotton	56,873	47,663	55,711	70,502	82,307	69,885	90,465	109,807	100,375	81,931	133,163	61,670	960,352
Cotton Yarn	13,905	13,397	15,903	16,973	21,006	18,503	22,565	23,849	22,849	24,179	21,771	17,724	232,624
Weaving	6,130	5,095	7,171	6,746	7,243	7,553	7,152	7,785	7,128	7,635	7,590	5,302	82,530
Shoulder Padding-Felt	25	30	23	19	25	27	44	50	45	21	76	36	421
Carpets and Rugs	3	4	1	0	1	0	2	2	7	1	2	1	24
Special Weaving Textile	277	282	140	105	127	127	62	169	163	129	244	157	1,982
Laminated Textile	22	130	54	85	38	40	89	56	15	99	52	9	689
Knitting	7	0	0	0	3	1	0	2	5	1	3	0	22
Knitting Wearing and Accessories	2,070	1,366	1,492	1,277	1,322	1,143	1,292	1,465	1,242	941	1,267	1,340	16,217
Other Wearing and Accessories	3,554	2,844	2,759	1,741	2,412	2,426	2,567	3,163	2,525	2,240	2,471	2,193	30,895
Other Manufactured Textile	2	1	9	2	4	3	3	6	2	3	2	4	41
<b>Total</b>	<b>82,868</b>	<b>70,812</b>	<b>83,263</b>	<b>97,450</b>	<b>114,488</b>	<b>99,708</b>	<b>124,241</b>	<b>146,354</b>	<b>134,356</b>	<b>117,180</b>	<b>166,641</b>	<b>88,436</b>	<b>1,325,797</b>
<b>2016/17*</b>													
Cotton	45,065	42,223	40,512	59,759	28,397	51,391	50,770	84,459	75,851	123,320			601,747
Cotton Yarn	17,194	18,482	15,233	16,640	15,319	24,689	17,204	20,795	19,239	23,001			187,796
Weaving	7,279	6,075	7,843	8,296	8,059	10,770	7,736	11,440	8,659	11,763			87,920
Shoulder Padding-Felt	34	56	47	37	54	54	41	69	78	79			549
Carpets and Rugs	6	21	5	5	5	2	6	4	1	2			57
Special Weaving Textile	384	256	106	109	147	97	63	72	132	229			1,595
Laminated Textile	91	43	33	51	42	82	70	64	135	78			689
Knitting	8	0	0	1	0	5	2	4	0	12			32
Knitting Wearing and Accessories	1,751	1,577	1,595	1,143	1,215	1,296	1,314	1,569	1,064	1,287			13,811
Other Wearing and Accessories	2,779	2,547	2,182	1,676	1,834	2,416	2,259	2,753	2,514	2,241			23,201
Other Manufactured Textile	5	2	3	4	21								35
<b>Total</b>	<b>74,596</b>	<b>71,282</b>	<b>67,559</b>	<b>87,721</b>	<b>55,093</b>	<b>90,802</b>	<b>79,465</b>	<b>121,229</b>	<b>107,673</b>	<b>162,012</b>			<b>917,432</b>

Source: Turkish Statistical Institute, editing branch directorate, unpublished data, 2017.

Import items in the table (cotton textile products that make up the entire cotton industry) are calculated as cotton equivalent. \*10 months data

Appendix Table 8. Cotton and Textile Export of Turkey (ton)

	August	September	October	November	December	January	February	March	April	May	June	July	Total
<b>2012/13</b>													
Cotton	2,740	3,460	3,965	4,583	6,039	4,933	3,674	3,596	3,806	3,658	3,913	4,828	49,195
Cotton Yarn	19,461	20,287	16,369	21,763	16,282	18,595	17,618	17,294	14,026	13,224	14,008	13,800	202,728
Weaving	9,695	12,053	11,253	13,415	10,474	10,791	10,128	13,191	12,006	12,596	9,848	9,560	135,010
Shoulder Padding-Felt	167	171	172	186	151	118	111	98	124	148	153	188	1,789
Carpets and Rugs	3	8	5	2	2	13	0	4	2	0	5	1	44
Special Weaving Textile	494	716	718	685	557	636	504	649	679	683	604	799	7,723
Laminated Textile	29	20	24	49	11	30	25	54	23	40	72	39	416
Knitting	506	789	714	426	377	260	181	160	252	235	260	502	4,662
Knitting Wearing and Accessories	23,141	26,610	24,063	26,978	22,652	22,076	22,326	25,864	22,952	24,155	22,807	25,128	288,752
Other Wearing and Accessories	15,491	18,629	16,657	17,484	16,827	15,878	16,962	17,944	15,147	14,840	14,775	16,652	197,285
Other Manufactured Textile	12,789	12,524	13,057	12,674	11,241	11,472	11,153	11,279	10,789	11,710	12,261	14,409	145,357
Total	84,515	95,266	86,997	98,245	84,611	84,804	82,682	90,134	79,806	81,290	78,706	85,906	1,032,963
<b>2013/14</b>													
Cotton	4,440	4,379	3,905	5,952	3,293	3,935	3,942	3,838	3,803	3,350	3,321	3,133	47,291
Cotton Yarn	14,902	18,889	17,982	20,357	13,085	19,078	18,218	18,547	16,036	14,517	14,335	11,700	197,646
Weaving	9,485	11,525	10,253	11,524	9,213	10,869	10,031	11,320	11,475	11,109	9,664	9,805	126,273
Shoulder Padding-Felt	162	185	115	189	125	123	112	119	136	112	146	156	1,680
Carpets and Rugs	2	3	0	5	0	0	1	1	2	5	0	0	20
Special Weaving Textile	740	710	623	766	619	787	693	788	798	694	643	695	8,555
Laminated Textile	35	35	33	101	87	81	34	75	135	51	66	43	776
Knitting	498	611	461	483	349	299	355	309	163	201	226	515	4,469
Knitting Wearing and Accessories	23,628	27,160	22,280	27,435	21,474	23,444	21,986	26,569	25,712	26,568	24,851	25,301	296,408
Other Wearing and Accessories	14,876	16,675	13,399	17,916	14,775	15,809	15,745	17,773	16,613	17,295	16,330	17,182	194,388
Other Manufactured Textile	118	230	220	202	316	139	157	188	108	166	103	117	2,064
Total	68,884	80,401	69,273	84,930	63,337	74,564	71,273	79,527	74,980	74,069	69,686	68,647	879,571
<b>2014/15</b>													
Cotton	3,506	3,629	5,039	5,476	5,418	4,710	3,868	5,279	4,112	3,596	5,131	3,596	53,360
Cotton Yarn	24,769	33,391	32,462	38,197	28,768	18,796	18,985	20,484	21,708	19,174	18,907	15,170	290,811
Weaving	12,409	16,176	14,109	13,896	12,114	9,673	9,479	11,746	12,082	10,939	10,573	8,921	142,117
Shoulder Padding-Felt	156	171	128	101	142	94	114	196	212	133	167	175	1,789
Carpets and Rugs	1	1	2	1	9	0	0	4	0	0	3	0	21
Special Weaving Textile	1,021	1,127	985	867	620	673	571	488	632	673	633	490	8,780
Laminated Textile	66	119	64	61	88	70	68	77	109	74	40	103	939

Appendix Table 8 (cont.). Cotton and Textile Export of Turkey (ton)

	August	September	October	November	December	January	February	March	April	May	June	July	Total
Knitting	925	1,309	1,166	597	310	224	186	246	291	225	375	308	6,162
Knitting Wearing and Accessories	41,204	48,050	42,031	41,921	33,882	20,648	19,333	24,243	25,351	24,432	25,076	22,325	368,496
Other Wearing and Accessories	22,439	26,106	23,049	23,520	20,809	15,921	15,051	17,277	17,539	17,932	18,693	16,991	235,327
Other Manufactured Textile	370	772	495	610	458	238	264	154	279	235	187	202	4,264
<b>Total</b>	<b>106,866</b>	<b>130,851</b>	<b>119,530</b>	<b>125,247</b>	<b>102,618</b>	<b>71,047</b>	<b>67,919</b>	<b>80,194</b>	<b>82,315</b>	<b>77,413</b>	<b>79,785</b>	<b>68,281</b>	<b>1,112,066</b>
<b>2015/16</b>													
Cotton	3,935	3,723	4,434	4,393	4,502	4,501	6,301	5,585	4,580	5,176	7,411	3,774	58,315
Cotton Yarn	17,906	18,080	22,229	18,966	15,976	17,886	17,165	19,795	19,568	17,115	21,243	12,953	218,882
Weaving	9,324	11,608	14,264	12,114	9,776	10,946	10,801	13,392	13,663	11,899	12,718	9,313	139,818
Shoulder Padding-Felt	152	114	124	118	208	103	159	82	93	145	126	105	1,529
Carpets and Rugs	0	0	1	2	53	1	0	0	2	3	0	0	62
Special Weaving Textile	680	627	726	632	625	565	627	743	907	795	831	546	8,304
Laminated Textile	53	31	63	38	49	70	56	85	43	24	119	50	681
Knitting	482	405	490	333	191	199	197	253	236	201	333	469	3,789
Knitting Wearing and Accessories	27,043	25,201	30,667	27,036	23,332	22,127	24,837	29,297	33,531	31,146	29,090	23,222	326,529
Other Wearing and Accessories	20,952	17,670	21,481	18,724	18,166	17,494	19,024	20,383	22,160	20,835	19,996	16,555	233,440
Other Manufactured Textile	281	357	610	678	765	721	391	310	232	237	281	244	5,107
<b>Total</b>	<b>80,808</b>	<b>77,816</b>	<b>95,089</b>	<b>83,034</b>	<b>73,643</b>	<b>74,613</b>	<b>79,558</b>	<b>89,925</b>	<b>95,015</b>	<b>87,576</b>	<b>92,148</b>	<b>67,231</b>	<b>996,456</b>
<b>2016/17*</b>													
Cotton	6,730	6,045	11,258	14,821	8,083	6,400	4,451	5,178	4,183	4,544			71,693
Cotton Yarn	20,140	20,022	18,896	18,936	16,175	20,538	21,990	26,889	19,876	18,434			201,896
Weaving	11,328	12,202	12,990	11,993	10,447	9,785	10,709	14,010	11,487	11,268			116,219
Shoulder Padding-Felt	141	116	123	123	124	137	145	186	110	113			1,318
Carpets and Rugs	2	1	1	1	15	22	4	7	2	4			59
Special Wearing Textile	839	729	871	850	737	796	846	1,156	1,007	933			8,764
Laminated Textile	121	85	129	109	131	85	108	197	151	183			1,299
Knitting	536	448	526	515	292	192	240	294	257	261			3,561
Knitting Wearing and Accessories	33,260	27,874	37,526	30,254	26,435	24,758	31,220	37,960	33,629	32,971			315,887
Other Wearing and Accessories	23,045	18,889	21,316	19,182	19,264	18,306	19,546	23,719	21,999	22,432			207,698
Other Manufactured Textile	688	336	645	579	427								2,675
<b>Total</b>	<b>96,830</b>	<b>86,747</b>	<b>104,281</b>	<b>97,363</b>	<b>82,130</b>	<b>81,019</b>	<b>89,259</b>	<b>109,596</b>	<b>92,701</b>	<b>91,143</b>			<b>931,069</b>

Source: Turkish Statistical Institute, editing branch directorate, unpublished data, 2017.

Export items on the table (cotton textile products that make up the entire cotton industry) are calculated as cotton equivalent. \* 10 months of data

Appendix Table 9. Area, Fiber Production and Yield of Turkey

	Area	Production	Yield
	ha	tons	kgs/ha
1960	621,000	175,500	283
1965	685,000	325,000	474
1970	527,635	400,000	758
1975	670,000	480,000	716
1980	671,700	500,000	744
1985	660,000	518,000	785
1990	641,253	654,600	1,021
1995	757,407	851,000	1,125
1996	743,000	784,000	1,059
1997	719,000	838,000	1,165
1998	760,000	883,000	1,166
1999	719,000	792,000	1,117
2000	654,000	880,000	1,345
2001	696,566	919,661	1214
2002	694,760	983,215	1405
2003	637,000	918,000	1,396
2004	640,000	936,000	1,462
2005	547,000	864,000	1,582
2006	591,000	977,000	1,653
2007	530,000	868,000	1,636
2008	495,000	673,000	1,360
2009	420,000	638,000	1,520
2010	481,000	817,000	1,700
2011	542,000	954,600	1,760
2012	488,496	858,400	1,760
2013	450,890	877,500	1,950
2014	468,143	846,000	1,810
2015	434,016	738,002	1,700
2016	416,017	756,008	1,820

Source: Ministry of Food, Agriculture and Livestock, Turkish Statistical Institute

Appendix Table 10. Cotton Purchased by TARİŞ

Purchase Period	Total Seed Production of Turkey (tons)	Purchased by Union (tons)	Purchase Contribution of Union (%)	Union Purchase Price (TL/kgs)
2000	2,260,921	194,648	8.6	0.38
2001	2,357,892	257,161	10.9	0.68
2002	2,541,832	306,532	12.1	0.80
2003	2,345,734	249,390	10.6	1.01
2004	2,455,071	272,270	11.1	0.90
2005	2,240,000	160,428	7.2	0.83
2006	2,550,000	166,109	6.5	0.92
2007	2,275,000	117,470	5.2	1.00
2008	1,820,000	92,259	5.1	0.98
2009	1,725,000	28,842	1.7	1.02
2010	2,150,000	51,565	2.4	2.22
2011	2,580,000	43,800	1.7	1.44
2012	2,320,000	11,800	0.5	1.49
2013	2,250,000	22,812	1.0	1.90
2014	2,350,000	28,403	1.2	1.44
2015	2,050,000	23,295	1.1	1.85
2016	2,100,000	29,462	1.4	2.35

Source: Ministry of Customs and Trade, Turkish Statistical Institute



Appendix Table 11. Cotton Purchased by ÇUKOBİRLİK

Purchase Period	Total Seed Production of Turkey (tons)	Purchased by Union (tons)	Purchase Contribution of Union (%)	Union Purchase Price (TL/kgs)
2000	2,260,921	123,638	5.5	0.40
2001	2,357,892	153,309	6.5	0.57
2002	2,541,832	122,812	4.8	0.66
2003	2,345,734	64,963	2.8	0.90
2004	2,455,071	117,075	4.8	0.83
2005	2,240,000	74,777	3.3	0.74
2006	2,550,000	87,030	3.4	0.84
2007	2,275,000	82,707	3.6	0.83
2008	1,820,000	65,252	3.6	0.82
2009	1,725,000	8,773	0.5	0.88
2010	2,150,000	12,249	0.6	1.53
2011	2,580,000	35,941	1.4	1.59
2012	2,320,000	22,047	1.0	1.39
2013	2,250,000	20,590	0.9	1.77
2014	2,350,000	25,340	1.08	1.45
2015	2,050,000	16,351	0.8	1.81
2016	2,100,000	21,233	1.1	1.91

Source: Ministry of Customs and Trade, Turkish Statistical Institute

Appendix Table 12. Cotton Purchased by ANTBIRLİK

Purchase Period	Total Seed Production of Turkey (tons)	Purchased by Union (tons)	Purchase Contribution of Union (%)	Union Purchase Price (TL/kgs)
2000	2,260,921	35,682	1.6	0.39
2001	2,357,892	28,514	1.2	0.68
2002	2,541,832	31,463	1.2	0.80
2003	2,345,734	27,960	1.2	1.00
2004	2,455,071	15,564	0.6	0.90
2005	2,240,000	10,047	0.4	0.95
2006	2,550,000	11,579	0.5	1.00
2007	2,275,000	10,101	0.4	1.11
2008	1,820,000	8,734	0.5	1.43
2009	1,725,000	10,017	0.6	1.54
2010	2,150,000	21,785	1.0	1.92
2011	2,580,000	28,247	1.1	1.51
2012	2,320,000	23,628	1.0	1.60
2013	2,250,000	17,998	1.5	2.05
2014	2,350,000	17,600	0.75	1.60
2015	2,050,000	18,156	0.9	2.36
2016	2,100,000	17,000	0.8	2.50

Source: Ministry of Customs and Trade, Turkish Statistical Institute

Appendix Table 13. Cotton Deficiency Payments

Years	Currency	Deficiency Payments	
1993	(TL/kgs)	0.003	
1998	(Cent/kgs)	10	
1999		12	
2000		9	
		Uncertificated	Certificated
2001	(TL/kgs)	0.070	0.077
2002		0.085	0.0935
2003		0.090	0.099
2004		0.190	0.228
2005		0.267	0.320
2006		0.290	0.348
2007		0.290	0.348
2008		0.270	0.324
2009		0.350	0.420
2010		0.350	0.420
2011		0.350	0.420
2012		-	0.460
2013		-	0.500
2014			0.550
2015		0.650	
2016		0.750	

Source: Ministry of Food, Agriculture and Livestock

Appendix Table 14. Manufacturer Index of Seed Cotton Prices in Turkey (TL/kgs)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
January	1.13	1.20	1.28	1.29	1.20	1.58	1.97	1.33	1.26	1.57	1.22	1.66	2.04
February	1.14	1.29	1.27	1.29	1.25	1.58	2.13	1.36	1.27	1.57	1.18	1.63	2.01
March	1.13	1.25	1.28	1.34	1.26	1.69	2.11	1.30	1.28	1.53	1.18	1.58	1.97
April	1.26	1.27	1.28	1.43	1.26	1.72	1.98	1.17	1.26	1.49	1.19	1.55	1.91
May	1.32	1.30	1.32	1.43	1.30	1.82	1.96	1.16	1.23	1.49	1.12	1.58	1.91
June	1.30	1.37	1.28	1.47	1.34	1.88	1.94	1.17	1.25	1.50	1.13	1.58	1.91
July	1.33	1.48	1.29	1.49	1.35	1.94	1.93	1.18	1.24	1.50	1.13	1.58	1.91
August	1.30	1.46	1.27	1.48	1.37	1.92	1.92	1.16	1.24	1.50	1.13	1.58	
September	1.27	1.37	1.28	1.42	1.42	1.93	1.89	1.18	1.30	1.46	1.49	1.76	
October	1.30	1.33	1.30	1.33	1.40	2.04	1.66	1.29	1.61	1.37	1.65	1.88	
November	1.30	1.27	1.28	1.33	1.42	2.43	1.56	1.29	1.63	1.30	1.69	1.96	
December	1.23	1.29	1.26	1.22	1.54	2.43	1.39	1.29	1.61	1.24	1.70	2.00	

Source: Turkish Statistical Institute

Between 2005 and 2013, the base year 2003, and between 2014 and 2017 the base year 2010 are based.

Appendix Table 15. Fiber Export of Turkey by Countries (tons)

	2013	2014	2015	2016	2017*
USA	444,266	450,226	328,258	333,750	230,566
Turkmenistan	141,299	155,493	150,511	118,594	59,240
Brazil	37,518	31,346	73,530	119,346	46,905
Greece	136,189	109,210	115,847	69,948	41,746
Azerbaijan	3,732	329	3,399	3,241	15,779
Burkina Faso	775	1,439	29,313	30,146	15,722
Sudan	162	36	1,620	8,359	10,605
Tajikistan	32,522	10,512	23,326	16,094	10,495
India	8,518	51,635	8,776	16,226	8,872
Syria	37,423	55,410	8,601	25,873	8,374
Kameron	25	2,005	944	4,671	6,090
Mali	120	4,484	1,151	5,161	6,009
Argentina	121	4,836	14,301	9,088	5,893
Kirgizstan	2,990	4,083	4,332	5,867	4,504
Cote D'Ivoire	1,189	2,715	15,681	12,463	2,843
Kazakhstan	460	427	428	2,704	2,530
Israel	76	338	546	880	1,312
Togo	0	0	943	0	1,165
Egypt	2,572	9,705	3,346	2,315	977
Iraq	0	2,880	481	317	959
Uzbekistan	8,489	8,681	9,587	13,733	755
Australia	203	3,296	407	10,219	551
Mersin Free Zone	5,299	515	0	395	255
Benin	700	487	1,924	2,000	76
Tanzania	466	508	2,462	343	61
Uganda	100	80	141	120	60
Ghana	40	177	320	0	45
Spain	2,515	1,349	1,721	8,663	0
Others	1,060	886	896	701	1,004
Total	868,829	913,088	802,792	821,217	483,393

Source: Turkish Statistical Institute

\* First 6 months data

Appendix Table 16. Fiber Export Value of Turkey by Countries (000 US\$)

	2013	2014	2015	2016	2017*
USA	869,368	914,957	527,652	518,926	418,941
Turkmenistan	263,411	284,193	215,478	169,683	106,924
Brazil	77,801	61,488	113,857	180,138	86,248
Greece	275,286	193,436	180,749	113,176	77,243
Azerbaijan	5,966	381	4,407	4,420	26,921
Burkina Faso	1,556	17,964	42,525	43,611	28,448
Sudan	401	92	2,269	9,989	16,093
Tajikistan	59,565	18,665	33,625	24,112	20,014
India	17,155	101,170	13,542	24,184	16,199
Syria	59,809	81,022	8,601	27,046	10,147
Kameron	52	3,769	1,373	7,606	11,392
Mali	264	9,158	1,758	7,900	11,321
Argentina	194	8,021	18,828	12,516	9,574
Kirgizstan	6,080	8,497	7,139	9,600	8,004
Cote D'Ivoire	2,443	5,243	23,067	17,427	5,045
Kazakhstan	915	1,395	1,081	4,268	4,624
Israel	298	1,426	2,066	2,915	4,566
Togo	0	0	1,373	0	2,025
Egypt	8,617	9,705	8,580	6,845	3,418
Iraq	0	2,880	673	451	1,438
Uzbekistan	11,035	11,981	11,033	17,883	1,540
Australia	425	6,623	774	16,740	1,106
Mersin Free Zone	10,151	980	0	648	476
Benin	1,450	718	2,729	2,563	118
Tanzania	942	1,154	4,076	761	135
Uganda	372	315	445	381	192
Ghana	75	319	461	0	85
Spain	5,015	2,923	2,836	13,603	0
Other	2,032	1,637	1,454	1,281	1,678
Total	1,680,678	1,750,112	1,232,451	1,238,673	873,915

Resource: Turkish Statistical Institute

\* First 6 months data

Appendix Table 17. Fiber Export of Turkey by Countries (tons)

	2013	2014	2015	2016	2017*
Italia	7,874	8,268	9,864	7,682	4,288
Holland	3,751	3,456	3,935	4,817	2,597
Germany	3,525	2,507	2,718	5,121	2,525
Poland	6,351	6,721	6,488	5,230	2,521
Greece	2,066	1,655	2,317	3,240	1,698
Mersin Free Zone	5,785	1,470	2,098	3,137	1,552
Russia	1,775	2,309	2,719	2,976	1,392
France	2,488	2,388	1,820	1,687	1,052
Bulgaria	1,991	2,838	1,884	1,778	980
China	2,837	389	352	1210	797
Indonesia	104	113	0	5,038	756
Spain	151	272	392	1,437	675
Vietnam	711	1,016	9	5,158	630
Estonia	0	0	306	935	542
Latonya	72	36	257	717	460
Bangladesh	1,280	1,099	2,156	13,738	383
Macedonia	545	762	572	533	244
England	865	836	562	345	238
Other	5,634	9,951	9,111	11,352	1,682
Total	47,805	46,086	47,560	76,131	25,012

Resource: Turkish Statistical Institute

\* First 6 months data

Appendix Table 18. Fiber Export value of Turkey by Countries (000 US\$)

	2013	2014	2015	2016	2017*
Italia	16,689	15,092	14,842	12,028	8,315
Holland	8,703	6,967	6,319	8,151	5,466
Germany	7,560	4,960	4,786	8,543	5,097
Poland	13,817	12,731	10,091	8,472	4,967
Greece	4,255	3,350	3,743	5,288	3,629
Mersin Free Zone	9,812	2,779	3,514	5,232	3,027
Russia	3,927	4,269	4,451	5,008	2,731
France	5,528	4,686	2,802	2,644	2,007
Bulgaria	4,212	5,770	3,058	2,945	2,031
China	5,815	902	693	2,081	1,505
Indonesia	235	255	0	7984	1189
Spain	346	525	643	2,443	1,386
Vietnam	1,142	1,351	19	8,426	1,067
Estonia	0	0	509	1,523	1,143
Latvia	178	89	429	1,222	973
Bangladesh	2,378	1,992	3,441	22,311	660
Macedonia	1,168	1,564	988	932	526
England	1,804	1,475	848	474	456
Others	12,621	19,996	15,164	18,736	3,258
Total	100,190	88,753	76,340	124,443	49,433

Resource: Turkish Statistical Institute

\* First 6 months data

Appendix Table 19. Organic Cotton Production of Turkey by Provinces (tons)

Provinces	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Adana							233	176				2
Adıyaman			480	1.480			142	67	70			
Aydın	5,100	6,742	12,507	6,356	647	2,598	3,273	2,865	2,376	3,727	2,168	4,090
Denizli					233	265	1,206	1,467	1,574	1,940	1,941	1,877
Diyarbakır		464	366					572				
Gaziantep	60											
Hatay	2,136	2,166	26	70	3,026	2,497	2,217					
İstanbul								32				
İzmir	1,716	253	2,315	1,731	1,088	2,068	2,326	3,388	3,196	2,255	2,564	2,741
Kahramanmaraş				187		252						
Manisa	154	170	175	69	159	567	491	44	155	588	473	563
Mardin	855	1,379	84	596	637	1,322	954	1,012		86	77	21
Muğla	13	13										
Şanlıurfa	25,321	52,780	39,582	57,822	6,108	8,472	22,506	21,444	13,232	13,463	9,432	10,060
<b>TOTAL</b>	<b>35,354</b>	<b>63,966</b>	<b>55,535</b>	<b>68,311</b>	<b>11,897</b>	<b>18,042</b>	<b>33,347</b>	<b>31,066</b>	<b>20,603</b>	<b>22,059</b>	<b>16,655</b>	<b>19,353</b>

Source: Ministry of Food, Agriculture and Livestock

Appendix Table 20. Organic Cotton Area, Production and Number of Organic Farmer in Turkey

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Number of farmer	313	164	71	105	117	178	287	311	220	207	167	196
Area (ha)	8,367	12,857	12,079	13,129	2,480	4,045	6,192	6,885	4,436	4,443	3,297	3,863
Production (tons)	35,354	63,966	55,535	68,311	11,897	18,042	33,347	31,066	20,603	22,058	16,653	19,353

Source: Ministry of Food, Agriculture and Livestock

Appendix Table 21. Agricultural Supports and Support / Cost Ratios Given to Cotton

Years	Cost	Support (TL/kgs)					Support / Cost
	(TL/kgs)	Difference payment	Soil analysis	Manure	Diesel fuel	Total	(%)
2010	1.088	0.420	0.006	0.012	0.012	0.450	41.37
2011	1.254	0.420	0.005	0.013	0.013	0.450	35.92
2012	1.403	0.460	0.005	0.013	0.013	0.492	35.07
2013	1.310	0.500	0.005	0.014	0.014	0.533	40.69
2014	1.210	0.550	0.005	0.015	0.015	0.585	48.34
2015	1.280	0.650	0.005	0.017	0.017	0.690	53.90

Source: Ministry of Food, Agriculture and Livestock, Turkish Statistical Institute and AEPDI Calculations

Appendix Table 22. Cotton / Input Parity

	2012	2013	2014	2015	2016
Cotton price (TL/kgs)	1.24	1.35	1.47	1.46	1.70
Cotton price + support (TL/kgs)	1.73	1.88	2.05	2.15	2.47
Manure price (TL/kgs)	0.67	0.74	0.76	0.79	0.70
Diesel fuel price (TL/lt)	4.00	4.34	4.40	3.85	3.85
Seed price (TL/kgs)	6.20	6.69	7.12	6.94	7.00
The amount of input that can be purchased with 1 kg of cotton (kgs)					
Cotton/manure	1.85	1.82	1.93	1.85	2.43
Cotton + support/manure	2.58	2.54	2.70	2.72	3.53
Cotton / diesel fuel	0.31	0.31	0.33	0.38	0.44
Cotton + support/ diesel fuel	0.43	0.43	0.47	0.56	0.64
Cotton /seed	0.20	0.20	0.21	0.21	0.24
Cotton + support/seed	0.28	0.28	0.29	0.31	0.35

Source: Ministry of Food, Agriculture and Livestock, Turkish Statistical Institute and AEPDI.

*İzmir Commercial Exchange, TARİS, AEPDI Calculations*

*26% CAN fertilizer price is taken into account in fertilizer prices.*

Appendix Table 23. Cotton Cost (TL/da)

	2010	2011	2012	2013	2014	2015
A) Soil Preparation	43.8	83.1	61.4	41.9	45.0	49.3
B) Sowing	17.7	24.5	27.0	24.4	25.9	31.7
C) Manuring	69.1	88.7	99.0	87.1	83.2	102.7
D) Disinfestation	44.9	47.9	59.0	46.0	51.4	48.4
E) Irrigation	68.6	105.5	95.4	66.1	62.9	101.5
F) Field maintenance	39.9	49.8	57.8	43.6	48.1	38.9
G) Harvest	106.6	16.0	131.1	121.1	134.2	117.5
H) Other variable-costs	0.8	2.8	1.2	1.0	1.1	1.83
I) Other variable-costs total	391.3	505.3	531.9	431.4	452.1	491.8
I.1) Interest on capital	25.4	12.6	37.2	34.5	22.6	24.6
J) Other variable-costs total	416.7	517.9	569.1	465.9	474.7	516.4
K) Stable cost total	71.0	78.8	97.7	202.5	219.6	239.3
K.1) Area rent	58.5	63.0	80.0	188.2	204.9	223.7
K.2) General administrative cost	12.5	15.5	17.1	14.0	14.2	15.5
K.3) Crop insurance	0.0	0.2	0.6	0.4	0.4	0.01
L) Total production cost	487.7	596.7	666.8	668.4	694.2	755.7
M) Yield (kgs/da)	448	476	474.9	509	531	581
N) Sale price (TL/kg)	1.615	1.9	1.2	1.61	1.75	1.88
O) By-product yield (kgs/da)	0.0	0.0	12.7	5.0	5.0	2.6
P) By-product sale price (TL/kgs)	0.0	0.0	0.0	0.02	0.02	0.02
R) Main product income	723.9	894.9	584.1	891.1	931.1	1.090.1
S) By-product income	0.0	0.0	0.2	0.11	0.12	0.06
T) Gross production value	723.9	894.9	584.3	819.1	931.3	1.090.1
U) Total cost of main product	487.7	596.7	666.6	668.3	694.1	755.7
V) Cotton cost (TL/kgs)	1.088	1.254	1.403	1.310	1.310	1.301

Source: AEPDI

Situation and Outlook  
COTTON  
2017/2018

EDITION NUMBER: 294  
ISBN: 978-605-9175-99-9



AGRICULTURAL ECONOMIC AND POLICY DEVELOPMENT INSTITUTE

<http://www.aepdi.gov.tr>

Contact:

Research and Technological Development Campus  
Fatih Sultan Mehmet Avenue Istanbul Road No:38  
Yenimahalle / ANKARA

Telephone: 0 312 287 5833

Fax: 0 312 287 5458

