

Tree Nuts: World Markets and Trade

Note: This is a revision to the August 2016 report. The only change is to the description of the U.S. harvest on this page, which is revised to include the marketing year reference months and to remove the reference to winter.

Please note this report does not include information for marketing year 2016/17. Please also note 2015/16 refers to the following Northern Hemisphere marketing year reference months:

Pistachios 2015/16 (September 2015 through August 2016)
 Almonds 2015/16 (August 2015 through July 2016)
 Walnuts 2015/16 (September 2015 through August 2016)

Pistachios

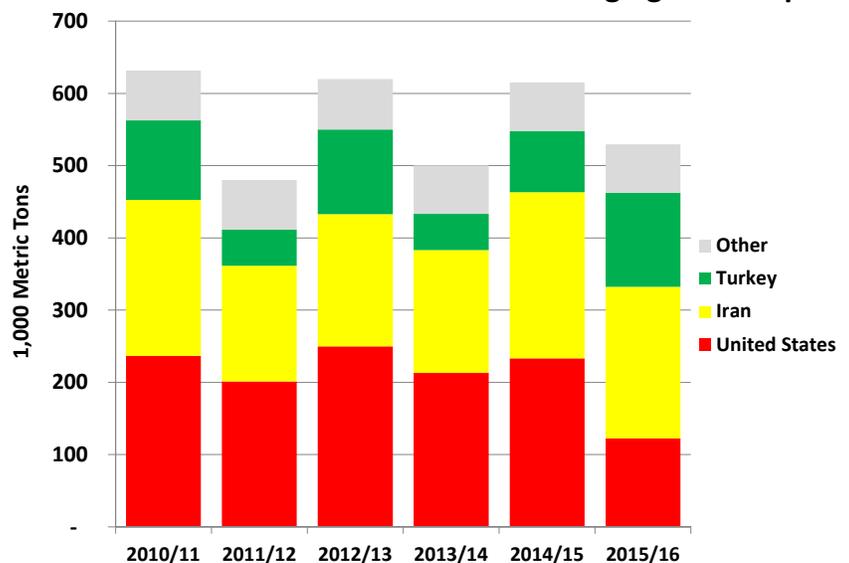
Global production for 2015/16 is estimated to plunge 86,000 metric tons (tons) from the previous year to 529,000 as U.S. output declines and more than offsets a jump in Turkish production. As a result of lower available supplies, world consumption and ending stocks are expected to fall. Global exports are estimated down 54,000 tons to 280,000 tons primarily due to lower shipments from the United States.

U.S. production is estimated to be down by nearly half from the previous year to just 122,000 tons, the smallest crop harvested in nearly a decade. The 2015/16 crop (September 2015 through August 2016) was severely affected by lack of chill hours as well as the drought. Although the season started with record-high beginning stocks, the steep output drop has limited the ability of the industry to meet demand. Exports are estimated to drop 58,000 tons to 80,000 on lower shipments to top markets China and the European Union (EU).

Iran's off-year production is estimated to decrease 20,000 tons to 210,000 primarily on lower yield in the top-producing province of Kerman as bearing area for the country remains unchanged. Exports are estimated nearly unchanged at 190,000 tons on steady trade to China, EU and Turkey. Consumption is expected to decrease as a result of the smaller harvest.

Although **Turkey's** production is estimated to jump 45,000 tons to 130,000, it will have limited effect on trade as almost the entire harvest is consumed domestically. After rising 2 consecutive years, imports are expected to drop to 10,000 tons.

World Pistachio Production Lower on Plunging U.S. Output



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China's imports are estimated to ease 12,000 tons to 70,000 following several years of growth. Shanghai and Beijing are key markets for U.S. pistachios, whereas other cities prefer more competitively-priced imports from Iran.

EU imports are expected nearly unchanged at 70,000 tons, with the United States supplying the majority.

Almonds

Global almond production for 2015/16 is estimated to increase 22,000 tons from the previous year to 1.1 million metric tons due to increased output in the United States. With world consumption rising at a higher rate than production, ending stocks are expected to fall 7,000 tons to 219,000. Global exports are expected to decline 4,000 tons to 656,000 mostly due to lower shipments from Australia.

Selected Producers

- The **United States** gains 14,000 tons to 862,000 on increased bearing acreage.
- **Australia** is just 2,000 tons higher at 77,000 as area expansion slows.

Selected Exporters

- The **United States** is up 4,000 tons to 580,000 on stronger demand in the EU and China.
- **Australia** is down 8,000 tons to 50,000 tons primarily on lower shipments to the United Arab Emirates.

Selected Importers

- **United Arab Emirates** falls 25,000 tons to 36,000 on weaker-than-anticipated demand.
- **Japan** drops 6,000 tons to 32,000 as consumption slows.
- **EU** rebounds 23,000 tons to 265,000 on record consumption.

Walnuts

Global walnut production for 2015/16 is estimated to rise 155,000 tons from the previous year to 2.0 million tons, with China and the United States accounting for over 75 percent of total output. World exports, dominated by the United States, Chile, and Ukraine, are expected to increase 73,000 tons to 684,000.

Selected Producers

- **China** rises 100,000 tons to 1.0 million primarily on higher bearing area.
- The **United States** gains nearly 30,000 tons to a record 547,000 on higher bearing area and yield.

Selected Exporters

- The **United States** is up 75,000 tons to a record 460,000 on higher demand in top markets EU and China.
- **Ukraine** advances just 3,000 tons to 63,000. Exports, once dominated by shipments to Russia, struggle to gain market share in the EU and China.
- **Chile** slips 2,000 tons to 75,000 on reduced market share in the EU and Turkey.

Selected Importers

- **EU** is up 28,000 tons to 215,000 on rising demand in Germany, Italy, and Spain from snack foods and cooking ingredients on the retail side and pastries on the industrial side.

- **Turkey** gains 17,000 tons to 85,000 as domestic production remains below the long-term average.
- **China** rises 14,000 tons to 85,000 after falling the previous 2 years.

To download additional data tables, go to Production, Supply and Distribution Database (PSD Online): (<http://apps.fas.usda.gov/psdonline/psdHome.aspx>), scroll down to Reports, and Click the plus sign [+] next to Tree Nuts

FAS Reports and Databases:

Current *World Markets and Trade* Reports:

<http://apps.fas.usda.gov/psdonline/psdDataPublications.aspx>

Archives *World Markets and Trade* Reports:

<http://usda.mannlib.cornell.edu/MannUsda/viewTaxonomy.do?taxonomyID=7>

Production, Supply and Distribution Database (PSD Online):

<http://apps.fas.usda.gov/psdonline/psdHome.aspx>

Global Agricultural Information Network (Agricultural Attaché Reports):

<http://gain.fas.usda.gov/Pages/Default.aspx>

Global Agricultural Trade System (U.S. Exports and Imports):

<http://apps.fas.usda.gov/gats/default.aspx>

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Pistachio Summary
Metric Tons, In-shell Basis

	2010/11	2011/12	2012/13	2013/14	2014/15	Aug 2015/16
Production						
Iran	216,000	160,000	183,000	170,000	230,000	210,000
Turkey	110,000	50,000	117,000	50,000	85,000	130,000
United States	236,775	201,395	249,929	213,188	233,147	122,470
Syria	57,000	56,000	57,000	54,000	54,000	54,000
European Union	12,100	12,700	12,900	13,000	13,000	13,000
Other	0	0	0	0	0	0
Total	631,875	480,095	619,829	500,188	615,147	529,470
Domestic Consumption						
Turkey	86,000	85,325	93,025	91,650	104,070	128,000
European Union	78,825	69,225	75,975	85,750	83,150	81,700
China	58,000	70,100	76,350	79,900	81,900	70,000
United States	50,255	73,445	76,004	50,831	56,784	60,000
Syria	59,400	57,500	54,100	49,600	54,050	54,000
Iran	58,900	47,900	51,000	37,900	43,300	20,000
United Arab Emirates	18,350	18,350	21,025	21,950	23,200	20,000
Hong Kong	30,825	23,875	36,400	30,400	30,500	16,000
Canada	12,600	15,500	17,000	18,800	17,650	13,000
India	7,500	5,300	9,775	8,825	7,950	7,800
Other	63,450	57,000	50,475	44,275	42,100	31,600
Total	524,105	523,520	561,129	519,881	544,654	502,100
Ending Stocks						
United States	68,825	41,125	49,494	34,978	74,803	58,573
Turkey	52,195	19,520	39,420	9,320	5,000	8,500
Iran	8,000	5,000	16,000	10,000	5,000	5,000
European Union	1,500	1,500	1,500	1,500	1,500	1,500
Afghanistan	0	0	0	0	0	0
Other	0	0	0	0	0	0
Total	130,520	67,145	106,414	55,798	86,303	73,573
Exports						
Iran	157,100	115,100	121,000	138,100	191,700	190,000
United States	137,868	156,627	166,915	177,488	137,578	80,000
Turkey	1,275	1,650	8,200	2,000	2,700	8,500
European Union	1,200	1,200	1,600	1,300	1,350	1,300
Syria	1,700	1,500	3,200	4,900	500	400
Other	0	0	0	0	0	0
Total	299,143	276,077	300,915	323,788	333,828	280,200
Imports						
China	58,000	70,100	76,350	79,900	81,900	70,000
European Union	67,625	57,725	64,675	74,050	71,500	70,000
United Arab Emirates	18,350	18,350	21,025	21,950	23,200	20,000
Hong Kong	30,825	23,875	36,400	30,400	30,500	16,000
Canada	12,600	15,500	17,000	18,800	17,650	13,000
Turkey	6,300	4,300	4,125	13,550	17,450	10,000
India	7,500	5,300	9,775	8,825	7,950	7,800
Iraq	6,125	7,000	6,100	8,575	9,825	6,500
Pakistan	4,300	2,975	3,025	2,025	3,825	5,000
Lebanon	2,625	2,650	3,650	3,225	4,400	3,500
Other	55,123	48,352	39,359	31,565	25,640	18,300
Total	269,373	256,127	281,484	292,865	293,840	240,100

The marketing year begins in September. Trade data includes prepared and preserved pistachios classified in chapter 20 of the Harmonized Tariff Schedule.

Almond Summary
Metric Tons, Shelled Basis

	2011/12	2012/13	2013/14	2014/15	Oct 2015/16	Aug 2015/16
Production						
United States	920,793	857,290	911,720	848,220	816,470	861,830
European Union	83,100	83,000	58,800	79,700	85,000	85,000
Australia	49,600	73,400	65,100	75,000	82,000	77,000
Turkey	16,000	17,000	18,000	13,000	14,000	14,000
China	4,000	5,000	7,000	9,500	10,000	10,000
Other	10,200	9,500	5,000	9,600	13,100	9,100
Total	1,083,693	1,045,190	1,065,620	1,035,020	1,020,570	1,056,930
Domestic Consumption						
European Union	300,100	299,300	323,800	308,300	310,000	336,000
United States	275,202	302,243	305,584	274,949	290,000	300,000
India	47,100	60,700	53,400	61,500	80,200	83,200
China	96,700	93,100	67,700	57,800	75,000	67,000
United Arab Emirates	55,300	43,600	54,900	61,300	65,000	36,000
Canada	28,400	31,200	33,700	35,000	36,000	35,000
Japan	27,400	28,800	36,200	38,100	40,000	32,000
Turkey	36,600	29,300	33,200	30,800	29,000	30,000
Australia	23,400	24,700	20,800	22,700	23,000	24,000
Korea, South	20,300	21,300	25,800	25,900	27,000	21,000
Other	70,700	80,600	71,600	57,000	59,500	47,800
Total	981,202	1,014,843	1,026,684	973,349	1,034,700	1,012,000
Ending Stocks						
United States	152,044	143,891	159,013	170,829	115,299	166,659
India	23,900	23,800	26,800	29,800	20,700	20,700
European Union	30,000	30,000	20,000	20,000	20,000	20,000
Australia	1,000	8,700	7,600	4,200	5,200	10,200
Chile	800	500	500	500	500	500
Other	300	500	500	500	500	500
Total	208,044	207,391	214,413	225,829	162,199	218,559
Exports						
United States	615,965	581,092	606,404	575,651	600,000	580,000
Australia	29,000	44,300	49,600	58,100	62,000	50,000
European Union	12,200	10,100	10,800	13,700	15,000	14,000
Chile	8,300	7,300	4,000	8,000	11,000	7,000
Turkey	7,400	7,800	8,300	4,800	8,000	5,000
Other	0	0	0	0	0	0
Total	672,865	650,592	679,104	660,251	696,000	656,000
Imports						
European Union	229,200	226,400	265,800	242,300	240,000	265,000
India	56,800	59,400	55,300	63,300	70,000	73,000
China	92,700	88,100	60,700	48,300	65,000	57,000
United Arab Emirates	55,300	43,600	54,900	61,300	65,000	36,000
Canada	28,400	31,200	33,700	35,000	36,000	35,000
Japan	27,400	28,800	36,200	38,100	40,000	32,000
Korea, South	20,300	21,300	25,800	25,900	27,000	21,000
Turkey	28,000	20,300	23,500	22,600	23,000	21,000
United States	7,224	17,892	15,390	14,196	18,000	14,000
Hong Kong	11,700	12,900	15,200	17,400	19,000	12,000
Mexico	7,500	10,000	9,400	11,700	11,000	11,000
Taiwan	10,800	14,000	8,300	5,200	4,500	4,800
Switzerland	5,000	4,800	5,800	5,300	6,000	4,500
Algeria	7,500	6,700	4,300	2,800	2,500	3,000
Australia	2,800	3,300	4,200	2,400	4,000	3,000
Other	27,800	30,900	28,700	14,200	15,500	11,500
Total	618,424	619,592	647,190	609,996	646,500	603,800

Marketing year begins in August of the first year of the split year for the United States and other Northern Hemisphere countries. Southern hemisphere countries are on a calendar year basis indicated as the second year of the split year.

Walnut Summary
Metric Tons, In-shell Basis

	2011/12	2012/13	2013/14	2014/15	Oct 2015/16	Aug 2015/16
Production						
China	700,000	720,000	780,000	900,000	1,000,000	1,000,000
United States	418,212	450,871	446,335	518,003	521,631	547,030
European Union	112,700	110,000	110,000	111,000	117,000	117,000
Ukraine	112,550	96,940	115,790	102,740	102,000	102,000
Chile	40,000	53,000	60,000	80,000	60,000	80,000
Turkey	80,000	85,000	75,000	40,000	60,000	60,000
India	40,000	36,000	43,000	35,000	38,000	35,000
Other	30,900	31,000	30,800	40,500	43,500	41,500
Total	1,534,362	1,582,811	1,660,925	1,827,243	1,942,131	1,982,530
Domestic Consumption						
China	733,900	812,200	854,300	956,400	1,065,000	1,077,000
European Union	242,300	230,200	257,100	281,600	287,000	314,000
Turkey	118,900	117,500	115,100	101,000	106,000	135,000
United States	138,890	154,266	154,922	119,615	181,631	127,790
India	19,850	24,900	26,400	32,700	40,500	40,500
Japan	29,500	27,700	29,000	38,000	40,000	40,000
Ukraine	10,150	38,940	40,590	43,140	46,300	39,000
Korea, South	27,800	28,200	29,100	33,900	35,000	30,000
Canada	19,200	20,700	22,200	17,900	22,500	24,500
United Arab Emirates	11,800	8,100	17,100	14,300	15,000	17,000
Other	102,400	94,200	79,100	78,200	87,000	83,900
Total	1,454,690	1,556,906	1,624,912	1,716,755	1,925,931	1,928,690
Ending Stocks						
United States	44,468	41,629	34,988	75,760	40,000	50,000
European Union	35,000	40,000	40,000	40,000	40,000	40,000
India	5,900	5,300	8,100	16,300	14,800	14,800
Turkey	5,000	5,000	5,000	4,000	6,000	5,500
Chile	1,100	1,200	900	500	1,000	1,500
Other	1,500	1,500	1,500	1,500	1,500	1,500
Total	92,968	94,629	90,488	138,060	103,300	113,300
Exports						
United States	278,132	310,329	313,471	384,996	375,000	460,000
Chile	38,800	50,500	57,400	76,800	57,000	75,000
Ukraine	100,900	58,000	75,200	59,600	55,700	63,000
Moldova	25,000	25,100	26,800	36,800	40,000	37,000
European Union	16,900	15,000	24,700	16,500	20,000	18,000
India	14,700	11,900	14,400	4,500	14,000	10,000
Turkey	11,600	9,600	12,000	8,000	12,000	8,500
Other	22,500	22,900	21,500	23,600	19,000	12,500
Total	508,532	503,329	545,471	610,796	592,700	684,000
Imports						
European Union	146,500	140,200	171,800	187,100	190,000	215,000
China	51,200	108,300	91,000	70,900	80,000	85,000
Turkey	52,500	42,100	52,100	68,000	60,000	85,000
Japan	29,500	27,700	29,000	38,000	40,000	40,000
Korea, South	27,800	28,200	29,100	33,900	35,000	30,000
Canada	19,300	20,800	22,600	22,600	23,000	25,000
United Arab Emirates	11,800	8,100	17,100	14,300	15,000	17,000
United States	6,193	10,885	15,417	27,380	30,000	15,000
India	100	200	600	10,400	15,000	14,000
Australia	14,700	10,600	12,200	12,400	13,000	12,500
Israel	7,800	9,600	9,600	10,700	12,000	12,500
Mexico	10,500	7,400	6,300	9,600	10,000	12,000
Taiwan	6,000	7,300	6,400	8,300	9,000	10,000
Brazil	9,600	8,000	8,300	7,100	7,500	9,500
Hong Kong	6,000	23,600	15,500	10,300	15,000	6,000
Other	45,500	26,100	18,300	16,900	18,000	16,900
Total	444,993	479,085	505,317	547,880	572,500	605,400

Marketing year begins in September of the first year of the split year for the United States and other Northern Hemisphere countries. Southern hemisphere countries are on a calendar year basis indicated as the second year of the split year.