



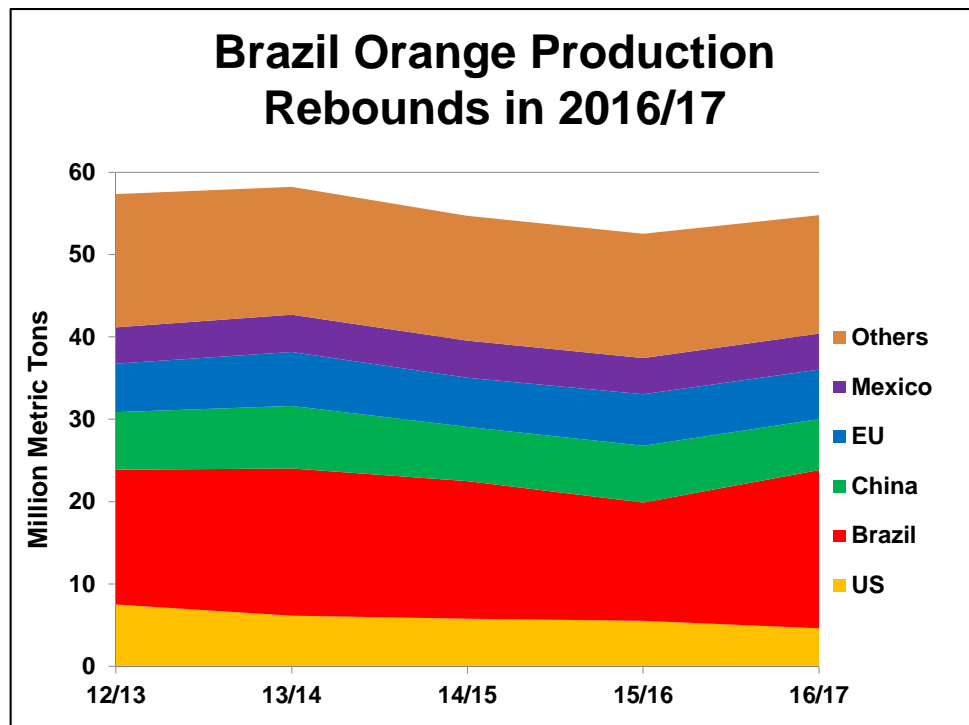
Citrus: World Markets and Trade

Oranges

Global orange production for 2016/17 is forecast up 3.2 million metric tons from the previous year to 50.2 million, as a significantly larger Brazilian crop, used extensively for processing, more than offsets smaller crops in China and the United States. Exports are up only slightly.

U.S. production is forecast down nearly 1.0 million tons to 4.6 million due to lower yields and reduced area. Exports are down slightly while consumption drops more than 11 percent on reduced supplies, continuing a multiyear downward trend. Fruit for processing is down due to the smaller crop in Florida. Most orange production in Florida is used for processing whereas California produces mainly for the fresh market.

Brazil's orange production and oranges for processing are forecast to rebound 4.9 and 4.8 million tons, respectively, based on higher yields due to favorable weather and reinvigorated groves rebounding from an off-year, thereby resulting in good bloom and fruit set. Production is expected to reach 19.2 million tons with oranges for processing at 13.9 million. Exports are up on greater supplies.



Production in the **European Union** is forecast down on unfavorable dry weather and the *Citrus tristeza* virus in parts of Italy. Imports are relatively flat while fresh consumption and exports are down on lower supplies.

Mexico's production is little changed. Consumption is down 4 percent as more fruit is expected to be used for processing.

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South Africa's production is forecast up to 1.3 million tons as main growing regions recover from drought conditions seen in 2015/16. The current drought in the Western Cape growing region is only expected to impact the 2017/18 crop if insufficient winter rainfall is received. Exports are expected up in line with greater supplies.

Morocco's production is forecast up 12 percent to a record 1.0 million tons on higher area and yield. Greater supplies boost exports more than one-third and consumption nearly 10 percent.

Orange Juice

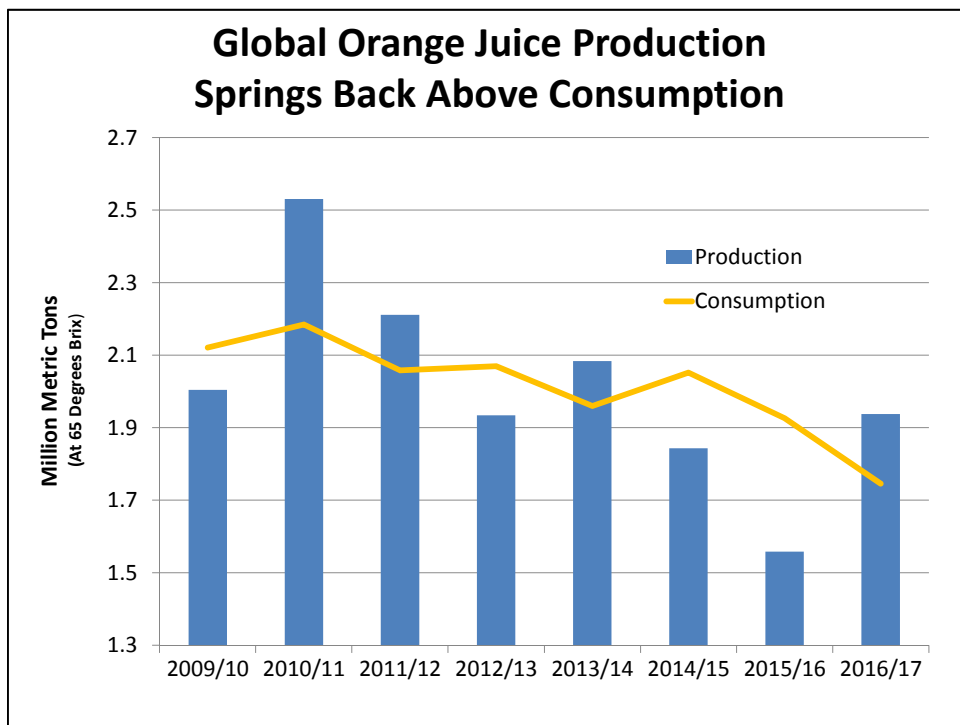
Global orange juice production for 2016/17 is forecast to surge to 2.0 million metric tons (65 degrees brix) as Brazil rebounds from its lowest production in nearly 3 decades. While consumption continues its multi-year downward trend, stocks are expected up 14 percent as Brazilian stocks quadruple.

U.S. production is forecast down a whopping 20 percent as a result of fewer oranges from Florida for processing due to citrus greening. Imports are forecast up slightly while exports and consumption are lower on reduced supplies.

Brazil's production is forecast to jump by more than 50 percent because of sharply highly supplies of oranges available for processing. Exports are up over 27 percent on greater supplies.

Mexico's production and exports are forecast up slightly.

Production in the **European Union** is forecast up slightly. Importantly, consumption is stable despite competition with drinks made from other juices.



Tangerine/Mandarin

Global production for 2016/17 is forecast at 28.5 million metric tons, down slightly from last year with a smaller crop in China more than offsetting larger crops in the European Union, Morocco, and Turkey. Exports and fruit for processing are expected up over 5 percent while fresh consumption declines slightly.

Grapefruit

Global production in 2016/17 is forecast down over 400,000 metric tons to 5.9 million as a result of unfavorable weather in China and citrus greening in the United States. Exports are forecast down with sharply smaller shipments from Turkey more than offsetting a rise in exports from South Africa. Consumption is down on smaller supplies in China.

Lemon/Lime

Global production in 2016/17 is forecast up 4 percent to 7.2 million metric tons. Higher production in the European Union is due to favorable weather and more than offsets declines in Argentina and the United States. Fruit used for processing and fresh consumption are both up slightly; exports are forecast up on higher trade from South Africa and Turkey.

For further information, please contact Reed Blauer at (202) 720-0898 or Reed.Blauer@fas.usda.gov

FAS Reports from Overseas Offices

The *Citrus: World Markets and Trade* circular is based on post reports submitted since June 2017 and on available secondary information. Individual country reports can be obtained on FAS Online at: <http://gain.fas.usda.gov/Pages/Default.aspx>.

PSD Online

The entire USDA PSD database is available online at <https://apps.fas.usda.gov/psdonline/app/index.html#/app/home>.

Additional Resources

Please refer to the USDA-FAS Citrus website at: <http://www.fas.usda.gov/commodities/fruits-and-vegetables/citrus-fruit> for additional data and analysis.

Situation and outlook information on U.S. citrus can be obtained from the USDA-Economic Research Service at: <http://www.ers.usda.gov/topics/crops/fruit-tree-nuts.aspx>.

Future Releases and Contact Information

Please visit <http://www.fas.usda.gov/data/citrus-world-markets-and-trade> to view archived and future releases. The next release of this circular is scheduled for December 2018.

To receive the circular via email, go to:

<https://public.govdelivery.com/accounts/USDAFAS/subscriber/new>

Oranges, Fresh: Production, Supply and Distribution in Selected Countries

(1,000 Metric Tons)

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Jul 2016/17
Production						
Brazil	16,361	17,870	16,714	14,362	18,197	19,217
China	7,000	7,600	6,600	6,900	6,200	6,200
European Union	5,890	6,550	5,954	6,241	6,050	6,012
United States	7,501	6,140	5,763	5,523	4,892	4,599
Mexico	4,400	4,533	4,515	4,400	4,375	4,375
Egypt	2,450	2,570	2,635	2,930	3,000	3,000
Turkey	1,600	1,700	1,650	1,800	1,855	1,850
South Africa	1,659	1,723	1,645	1,275	1,560	1,345
Morocco	784	1,001	868	925	960	1,037
Argentina	550	800	800	800	650	680
Vietnam	521	532	590	590	590	590
Australia	435	430	430	455	470	470
Costa Rica	315	220	335	335	345	345
Guatemala	152	154	160	160	160	160
Israel	73	69	86	105	115	115
Other	160	190	193	192	191	191
Total	49,851	52,082	48,938	46,993	49,610	50,186
Fresh Dom. Consumption						
China	6,405	6,865	6,043	6,446	5,900	5,888
European Union	5,382	5,549	5,333	5,608	5,400	5,377
Brazil	5,421	6,035	5,196	5,296	5,333	5,333
Mexico	2,887	3,312	2,947	2,776	2,645	2,653
Turkey	1,290	1,284	1,310	1,366	1,425	1,410
Egypt	1,365	1,385	1,350	1,366	1,380	1,380
United States	1,492	1,357	1,263	1,300	1,362	1,151
Morocco	642	820	688	801	778	867
Vietnam	559	603	626	648	650	640
Russia	511	467	438	470	477	437
Saudi Arabia	274	274	448	435	440	435
Argentina	360	524	450	469	350	370
Iraq	261	302	296	304	305	305
Australia	218	206	175	235	200	240
United Arab Emirates	201	220	230	222	225	220
Other	1,660	1,467	1,438	1,511	1,545	1,484
Total	28,928	30,670	28,231	29,253	28,415	28,190
For Processing						
Brazil	10,935	11,832	11,506	9,058	12,852	13,872
United States	5,470	4,420	4,133	3,732	3,045	2,998
Mexico	1,510	1,200	1,550	1,600	1,700	1,700
European Union	1,069	1,474	1,251	1,286	1,310	1,315
China	600	715	650	600	550	550
Argentina	113	200	278	270	245	255
Costa Rica	220	136	220	230	240	250
South Africa	369	471	403	142	425	167
Egypt	85	85	85	100	100	100
Turkey	95	100	80	100	100	100
Other	196	200	200	160	187	175
Total	20,662	20,833	20,356	17,278	20,754	21,482

Split years refer to the harvest and marketing period, which corresponds roughly to November-October in the Northern Hemisphere.

For the Southern Hemisphere, harvest occurs almost entirely during the second year shown and the harvest and marketing period begins in the second year shown:

Argentina - January through December
 South Africa - February through January
 Australia - April through March
 Brazil - July through June.

Import and export totals may not equal due in part to different marketing years such as those listed above.

Oranges, Fresh: Production, Supply and Distribution in Selected Countries (Continued)

(1,000 Metric Tons)

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Jul 2016/17
Exports						
Egypt	1,000	1,100	1,200	1,464	1,520	1,520
South Africa	1,162	1,144	1,160	1,064	1,050	1,120
United States	678	506	522	655	640	635
Turkey	244	349	305	371	370	395
European Union	322	346	297	319	300	300
Australia	127	126	156	161	230	180
Hong Kong	45	49	74	107	110	140
Morocco	82	111	130	89	120	120
China	83	108	53	74	50	62
Argentina	77	76	72	65	55	55
Mexico	31	47	44	56	55	55
Brazil	20	20	28	24	28	28
Singapore	7	9	8	8	8	8
Israel	7	6	6	6	6	6
Russia	1	2	2	3	3	3
Other	3	3	2	2	2	2
Total	3,889	4,002	4,059	4,468	4,547	4,629
Imports						
European Union	883	819	927	972	960	980
Russia	512	469	440	473	480	440
Saudi Arabia	274	274	448	435	440	435
Hong Kong	217	230	256	286	295	320
China	88	88	146	220	300	300
United Arab Emirates	201	220	230	222	225	220
Canada	199	183	190	204	210	195
Iraq	169	189	180	189	190	190
United States	139	143	155	164	155	185
Korea, South	152	100	111	154	130	145
Malaysia	104	100	102	101	100	100
Japan	113	87	83	100	110	95
Switzerland	68	63	67	71	75	70
Ukraine	133	106	69	76	75	70
Costa Rica	77	56	35	52	55	65
Turkey	29	33	45	37	40	55
Vietnam	38	71	36	58	60	50
Singapore	45	48	46	44	45	42
Guatemala	51	31	24	34	30	35
Norway	38	34	36	38	40	35
Mexico	28	26	26	32	25	33
Australia	20	16	16	18	30	20
Brazil	15	17	16	16	16	16
South Africa	0	13	13	1	10	12
Mozambique	35	7	11	5	10	7
Other	0	0	0	4	0	0
Total	3,628	3,423	3,708	4,006	4,106	4,115

Split years refer to the harvest and marketing period, which corresponds roughly to November-October in the Northern Hemisphere.

For the Southern Hemisphere, harvest occurs almost entirely during the second year shown and the harvest and marketing period begins in the second year shown:

Argentina - January through December
 South Africa - February through January
 Australia - April through March
 Brazil - July through June.

Import and export totals may not equal due in part to different marketing years such as those listed above.

Orange Juice: Production, Supply and Distribution in Selected Countries

(1,000 Metric Tons at 65 Degrees Brix)

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Jul 2016/17
Production						
Brazil	980	1,230	1,006	810	1,222	1,257
United States	607	476	438	390	355	312
Mexico	151	126	159	165	170	170
European Union	83	114	97	100	101	102
China	45	55	50	46	42	42
South Africa	39	48	55	19	44	23
Turkey	8	9	8	9	9	9
Other	21	25	31	20	25	24
Total	1,934	2,084	1,843	1,558	1,968	1,938
Domestic Consumption						
European Union	844	799	937	825	826	827
United States	733	700	674	670	613	508
Canada	99	94	88	94	92	89
Japan	70	68	80	78	78	78
China	115	111	99	83	73	73
Australia	41	40	40	40	39	39
Brazil	45	35	35	38	38	38
Other	123	112	100	97	101	95
Total	2,070	1,960	2,052	1,926	1,860	1,746
Ending Stocks						
United States	384	347	360	294	300	330
Brazil	334	329	147	24	174	100
Japan	15	11	18	13	15	15
European Union	15	15	15	15	15	15
South Africa	13	25	29	9	5	7
Other	9	6	6	7	7	7
Total	771	733	574	361	516	474
Exports						
Brazil	1,110	1,200	1,153	895	1,097	1,143
Mexico	143	121	153	158	163	163
United States	114	113	81	66	65	63
European Union	54	57	50	52	50	50
South Africa	22	31	45	35	36	22
Other	29	30	31	31	31	32
Total	1,472	1,552	1,513	1,237	1,442	1,473
Imports						
European Union	815	742	890	778	775	775
United States	302	300	330	280	300	295
Canada	103	98	91	97	95	92
Japan	65	63	86	73	80	80
Russia	47	45	38	37	38	36
China	59	57	49	40	33	33
Australia	34	32	32	32	32	32
Other	61	53	47	54	49	52
Total	1,486	1,391	1,563	1,391	1,402	1,395

For 2007/08 and after, one metric ton of 65 degrees brix equals 344.8 gallons at 42 degrees brix and 1,392.6 gallons at single strength equivalent. One metric ton of 65 degrees brix equals 344.8 gallons at 42 degrees brix and 1,405.88 gallons at single strength equivalent for 2006/2007 and earlier.

Split years refer to the harvest and marketing period, which corresponds roughly to October-September in the Northern Hemisphere.

For the Southern Hemisphere, harvest occurs almost entirely during the second year shown and the harvest and marketing period begins in the second year shown:

South Africa - February through January

Australia - April through March

Brazil - July through June

Import and export totals may not equal due in part to different marketing years such as those listed above.

Tangerines/Mandarins, Fresh: Production, Supply and Distribution in Selected Countries

(1,000 Metric Tons)

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Jul 2016/17
Production						
China	17,000	17,850	19,400	20,200	19,300	19,300
European Union	2,927	3,213	3,474	3,076	3,302	3,231
Morocco	662	1,160	1,003	1,065	1,325	1,278
Turkey	876	880	960	1,040	1,060	1,213
Japan	846	1,124	1,040	933	995	995
United States	660	700	810	861	899	941
Korea, South	667	672	697	635	615	615
Argentina	300	370	350	350	280	300
Israel	178	139	205	190	250	250
South Africa	171	195	203	226	263	250
Other	202	171	152	154	154	154
Total	24,489	26,474	28,294	28,730	28,443	28,527
Fresh Dom. Consumption						
China	15,650	16,524	18,053	18,910	18,120	18,130
European Union	2,493	2,848	3,206	2,976	3,064	3,063
United States	642	720	759	922	915	971
Japan	780	1,041	959	852	917	910
Russia	789	852	782	724	730	820
Morocco	355	659	657	600	815	768
Korea, South	607	575	535	547	542	543
Other	1,741	1,628	1,576	1,655	1,654	1,678
Total	23,057	24,847	26,527	27,186	26,757	26,883
For Processing						
China	660	600	630	660	610	610
European Union	347	385	348	272	328	358
United States	130	131	221	135	160	169
Japan	81	90	90	95	100	100
Argentina	63	82	97	110	85	95
Israel	30	24	45	40	75	75
Korea, South	56	93	159	85	70	70
Other	17	20	24	12	29	14
Total	1,384	1,425	1,614	1,409	1,457	1,491
Exports						
Turkey	406	532	610	575	580	705
China	702	744	736	658	600	590
Morocco	307	501	346	465	510	510
European Union	404	349	287	250	260	240
South Africa	133	153	157	190	205	210
Israel	78	78	93	86	105	105
Argentina	87	88	53	50	45	45
Other	48	38	48	42	45	40
Total	2,165	2,483	2,330	2,316	2,350	2,445
Imports						
Russia	789	852	782	724	730	820
European Union	317	369	367	422	350	430
United States	154	182	212	232	215	235
Canada	143	117	141	146	150	150
Ukraine	185	202	125	126	120	140
Vietnam	144	149	158	116	120	125
Thailand	135	139	130	149	150	120
Indonesia	77	109	87	60	80	70
Philippines	57	51	54	68	60	65
Malaysia	76	65	70	69	70	64
Other	40	46	51	69	76	73
Total	2,117	2,281	2,177	2,181	2,121	2,292

Split years refer to the harvest and marketing period, which corresponds roughly to October-September in the Northern Hemisphere and April-March in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown.

Import and export totals may not equal due in part to different marketing years such as those listed above.

Grapefruit, Fresh: Production, Supply and Distribution in Selected Countries

(1,000 Metric Tons)

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Jul 2016/17
Production						
China	3,370	3,717	4,050	4,350	4,000	4,000
United States	1,092	950	826	728	688	621
Mexico	425	424	424	430	432	432
South Africa	437	413	387	315	330	363
Turkey	200	235	238	250	255	253
Israel	208	236	186	163	140	140
European Union	110	92	109	102	115	101
Other	0	0	26	25	24	24
Total	5,842	6,067	6,246	6,363	5,984	5,934
Fresh Dom. Consumption						
China	3,257	3,578	3,957	4,224	3,890	3,872
European Union	408	417	415	434	416	417
Mexico	324	328	323	324	328	326
United States	376	346	325	283	294	277
Turkey	72	63	96	62	57	129
Russia	141	133	101	117	120	110
Japan	134	109	125	106	101	98
Canada	43	42	40	39	40	38
Ukraine	30	27	15	18	18	18
Israel	12	24	8	10	11	11
Other	21	20	17	17	17	17
Total	4,818	5,087	5,422	5,634	5,292	5,313
For Processing						
United States	545	470	370	337	292	261
South Africa	189	203	168	111	129	127
Mexico	85	84	84	86	86	86
Israel	117	134	117	92	59	59
European Union	18	16	18	18	19	19
Other	0	0	1	1	1	1
Total	954	907	758	645	586	553
Exports						
South Africa	242	217	221	203	200	235
China	130	165	124	159	150	170
Turkey	132	177	145	190	200	126
United States	184	147	141	124	120	107
Israel	79	78	61	61	70	70
Mexico	18	14	19	22	20	22
European Union	21	19	15	14	15	15
Other	7	8	10	11	10	11
Total	813	825	736	784	785	756
Imports						
European Union	337	360	339	364	335	350
Russia	141	133	101	117	120	110
Japan	134	109	100	82	78	75
China	17	26	31	33	40	42
Canada	43	42	40	39	40	38
United States	13	13	10	16	18	24
Ukraine	30	27	15	18	18	18
Hong Kong	15	16	15	16	15	16
Switzerland	7	7	7	7	7	7
South Africa	0	12	7	4	4	4
Other	6	7	5	4	4	4
Total	743	752	670	700	679	688

Split years refer to the harvest and marketing period, which corresponds roughly to October-September in the Northern Hemisphere and April-March in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown.

Import and export totals may not equal due in part to different marketing years such as those listed above.

Lemons and Limes, Fresh: Production, Supply and Distribution in Selected Countries

(1,000 Metric Tons)

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Jul 2016/17
Production						
Mexico	2,120	2,187	2,326	2,370	2,400	2,400
European Union	1,179	1,308	1,597	1,269	1,554	1,523
Argentina	1,350	780	1,450	1,350	1,370	1,270
United States	827	748	820	822	782	749
Turkey	680	760	725	670	640	747
South Africa	245	312	339	308	345	355
Israel	51	64	65	60	70	70
Other	58	55	83	89	91	95
Total	6,510	6,214	7,405	6,938	7,252	7,209
Fresh Dom. Consumption						
European Union	1,336	1,275	1,538	1,532	1,553	1,599
Mexico	1,268	1,332	1,358	1,344	1,402	1,358
United States	926	926	1,004	1,130	1,082	1,120
Turkey	258	277	238	200	217	217
Russia	212	209	206	184	188	208
Saudi Arabia	88	85	103	121	125	125
Canada	100	99	87	102	105	100
United Arab Emirates	80	87	96	93	97	92
Japan	57	58	75	74	74	74
Argentina	75	60	70	70	70	70
Other	180	189	172	158	167	175
Total	4,580	4,597	4,947	5,008	5,080	5,138
For Processing						
Argentina	996	570	1,195	1,003	1,020	980
Mexico	330	339	360	367	370	365
European Union	192	312	353	226	311	299
United States	269	176	265	197	225	199
South Africa	58	80	79	56	85	69
Turkey	55	60	57	40	0	40
Japan	3	3	27	29	31	31
Other	1	3	2	2	2	2
Total	1,904	1,543	2,338	1,920	2,044	1,985
Exports						
Mexico	523	519	610	662	630	680
Turkey	369	426	433	434	425	494
South Africa	175	220	246	237	245	270
Argentina	280	150	185	280	280	220
United States	110	127	114	110	115	115
European Union	77	101	105	68	90	75
Hong Kong	7	33	18	17	15	20
Other	11	15	11	14	15	17
Total	1,552	1,591	1,722	1,822	1,815	1,891
Imports						
United States	478	481	563	615	640	685
European Union	426	380	399	557	400	450
Russia	212	209	207	186	190	210
Saudi Arabia	88	85	103	121	125	125
Canada	100	99	87	102	105	100
United Arab Emirates	78	85	94	91	95	90
Japan	51	51	51	51	52	52
Ukraine	63	54	44	41	40	45
Hong Kong	26	66	48	37	35	40
Turkey	2	3	3	4	2	4
Other	2	4	3	7	3	4
Total	1,526	1,517	1,602	1,812	1,687	1,805

Split years refer to the harvest and marketing period, which corresponds roughly to October-September in the Northern Hemisphere. For the Southern Hemisphere, harvest occurs January - December of the second year shown.

Import and export totals may not equal due in part to different marketing years such as those listed above.