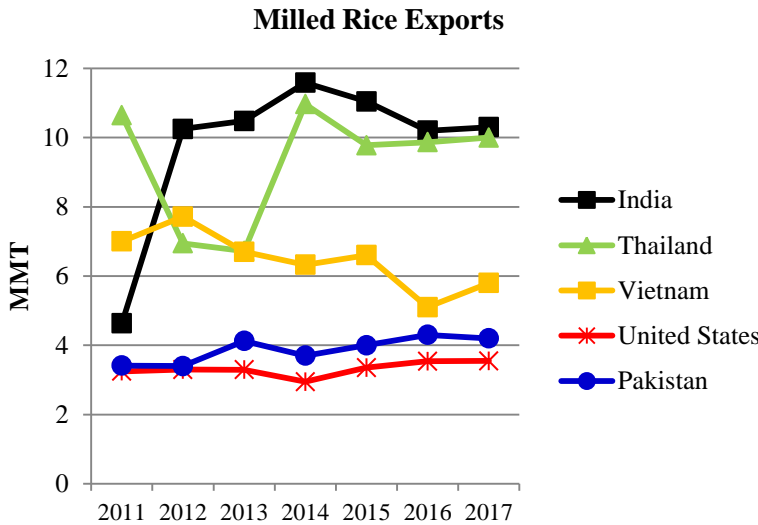




Grain: World Markets and Trade

February 2017

Stiff Competition Among Rice Exporters as Global Trade Expands



Global rice trade is forecast to rise in 2017, on larger imports by Asian and Middle Eastern countries. Trade is projected up 3 percent from the prior year to the third-largest on record. This reverses the recent 2-year contraction that occurred as countries sought to increase domestic production and self-sufficiency, at times through restrictive trade measures.

With global supplies at a record and production up for most major exporters, the competition for exports is expected to be intense. India is forecast to remain the largest exporter for the sixth consecutive year. Basmati exports account for over a third of its trade, and competition from Pakistan is limited. For non-fragrant white rice, exports are forecast to remain competitive on sufficient carry-in stocks and a larger crop.

Meanwhile, exports from Thailand are forecast slightly higher this year, aided by expanded production and large carry-over. The government is committed to liquidating stocks that were accumulated over several years. Although the majority of remaining stocks are considered non-food grade quality and are expected to be used domestically for feed or ethanol, much of the food-grade quality may be allocated to foreign markets. These exports will likely continue to compete with lower-priced Vietnamese rice. Exports from Vietnam are expected to rebound this year from the lowest level in a decade. This is based on improved prospects to Asian markets such as the Philippines, where quantitative restrictions are set to expire later this year.

Given this stiff competition, U.S. exports are forecast up only fractionally from the previous year, driven by stronger demand in traditional Western Hemisphere markets.

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The Foreign Agricultural Service (FAS) updates its production, supply and distribution (PSD) database for cotton, oilseeds, and grains at 12:00 p.m. on the day the *World Agricultural Supply and Demand Estimates* (WASDE) report is released. This circular is released by 12:15 p.m.

To download the tables in the publication, go to the Production, Supply and Distribution Database (PSD Online): (<https://apps.fas.usda.gov/psdonline/app/index.html#/app/downloads>), select PSD Reports, and then on the left click Grains.

FAS Reports and Databases:

Current *World Markets and Trade* and *World Agricultural Production* Reports:

<https://apps.fas.usda.gov/psdonline/app/index.html#/app/downloads>

Archives *World Markets and Trade* and *World Agricultural Production* Reports:

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

Production, Supply and Distribution Database (PSD Online):

<https://apps.fas.usda.gov/psdonline/app/index.html#/app/home>

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

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

Export Sales Report:

<http://apps.fas.usda.gov/esrquery/>

Global Agricultural Information Network (Agricultural Attaché Reports):

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

Other USDA Reports:

World Agricultural Supply and Demand Estimates (WASDE):

<http://www.usda.gov/oce/commodity/wasde/>

Economic Research Service:

<http://www.ers.usda.gov/topics/crops>

National Agricultural Statistics Service:

<http://www.nass.usda.gov/Publications/>

All Grain Summary Comparison
Million Metric Tons

Marketing Year	Wheat			Rice, Milled			Corn			
	2014/15	2015/16	2016/17	2014/15	2015/16	2016/17	2014/15	2015/16	2016/17	
Production										
United States	(Jun-May)	55.1	56.1	62.9	7.1	6.1	7.1	361.1	345.5	384.8
Other		673.2	679.5	685.3	471.5	465.9	473.0	654.5	615.2	655.4
World Total		728.3	735.6	748.2	478.6	472.0	480.1	1,015.6	960.7	1,040.2
Domestic Consumption										
United States	(Jun-May)	31.3	32.0	33.9	4.3	3.6	4.2	301.8	298.9	314.8
Other		669.1	677.6	702.0	470.7	464.8	471.5	661.8	680.1	706.0
World Total		700.4	709.6	735.9	475.0	468.4	475.7	963.6	979.0	1,020.8
Ending Stocks										
United States	(Jun-May)	20.5	26.6	31.0	1.6	1.5	1.7	44.0	44.1	58.9
Other		197.0	214.2	217.6	113.4	115.0	116.3	165.8	166.3	158.7
World Total		217.5	240.8	248.6	115.0	116.5	118.0	209.8	210.4	217.6
TY Imports										
United States	(Jun-May)	4.0	3.1	3.4	0.8	0.8	0.8	0.8	1.8	1.4
Other		155.0	165.6	172.2	38.8	36.2	37.8	124.9	136.6	138.5
World Total		159.0	168.7	175.6	39.6	37.0	38.6	125.7	138.4	139.9
TY Exports										
United States	(Jun-May)	23.0	21.9	27.5	3.4	3.5	3.6	46.8	51.2	56.5
Other		138.8	150.2	150.8	39.2	36.8	37.9	81.6	93.7	86.6
World Total		161.8	172.1	178.3	42.6	40.3	41.5	128.4	144.9	143.1

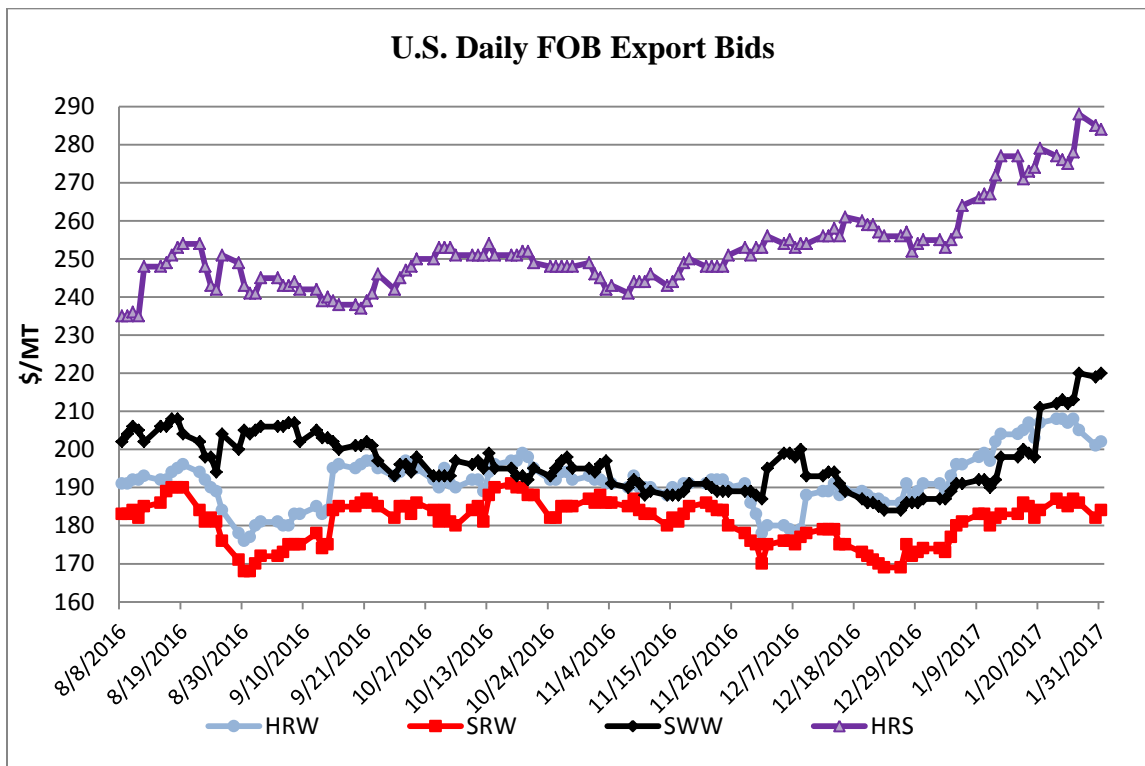
Note: Consumption in this table has not been adjusted for differences in marketing year imports and exports and therefore differs from global totals shown elsewhere. Marketing years for U.S. grains are: Wheat (Jun-May), Rice (Aug-Jul), Corn (Sep-Aug). 'Marketing Year' column is germane for U.S. wheat only.

WHEAT: WORLD MARKETS AND TRADE

OVERVIEW

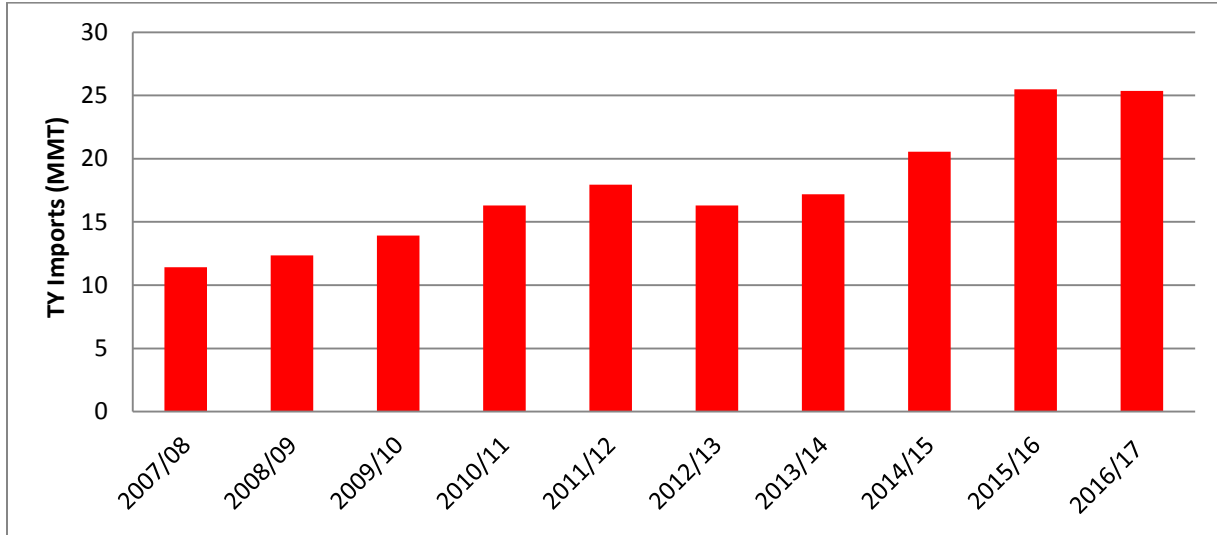
Global wheat production remains at a record, but is reduced this month mainly on lower crops for India and Kazakhstan. Global trade is boosted to a new record with higher imports for China, Morocco, and Vietnam more than offsetting cuts for Ethiopia, EU, and South Korea. Larger exports for Argentina, Ukraine, and the United States are partially offset by reductions in Kazakhstan and Russia. The U.S. season-average farm price is raised \$0.05 to \$3.85 per bushel.

U.S. PRICES:

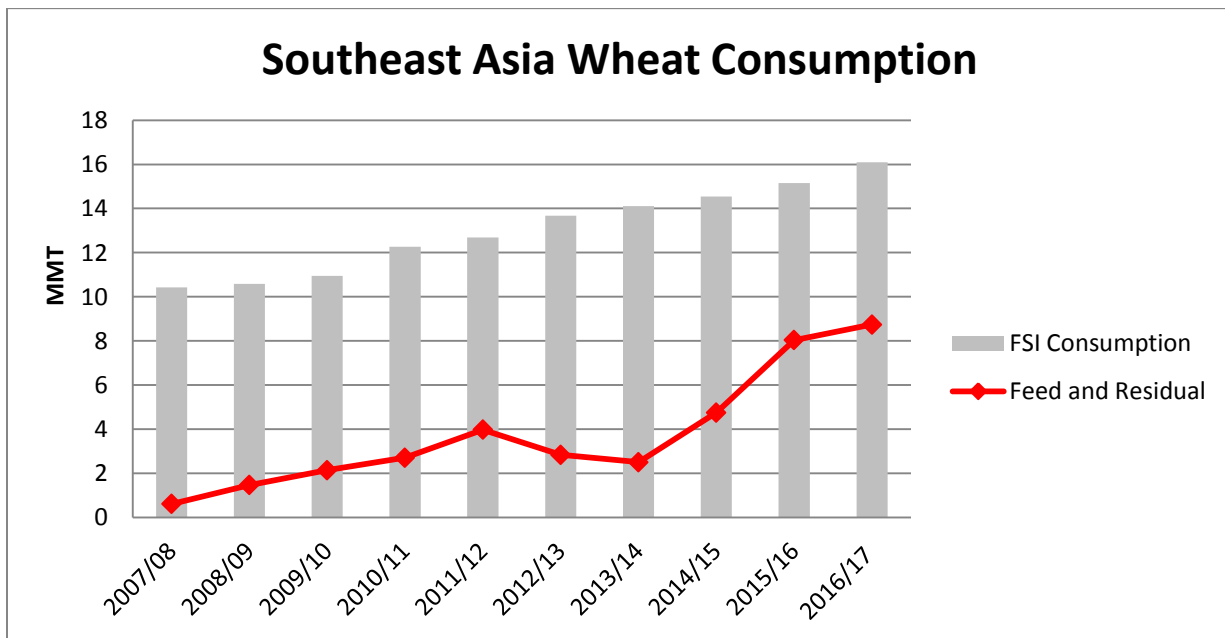


Domestic: Prices for most wheat classes were up during the month of January, underpinned by 2017/18 U.S. crop prospects as well as a weakening dollar. On January 12, USDA released its *Winter Wheat and Canola Seedings* report, which estimated U.S. winter wheat area to be the lowest in over 100 years. Hard Red Winter (HRW) was up \$11/ton to \$202, while Soft Red Winter (SRW) gained \$10/ton to \$184. Soft White Winter (SWW) surged \$33/ton to \$220, while Hard Red Spring (HRS) jumped \$29/ton to \$284, both supported by adverse weather conditions which slowed deliveries to Pacific Northwest ports. Furthermore, the growing gap between HRS and most other wheat classes is indicative of tight supplies of high-protein wheat in the global market.

SOUTHEAST ASIAN WHEAT IMPORTS RISING



Southeast Asian wheat imports have more than doubled over the past decade. Milling-quality wheat demand has grown as diets have shifted towards more wheat products. Furthermore, feed and residual use in the region has more than doubled due to rapidly rising demand from the livestock, poultry, and aquaculture sectors. While food use is expected to continue rising, the growth of feed and residual use for the region is forecast to slow in 2016/17. Indonesia and Thailand are forecast to import less feed-quality wheat than the previous year due to policy restrictions on feed wheat imports in both countries. Also contributing to Thailand's reduced use of wheat is higher rice feeding from non-food-grade rice stocks. However, lower imports for Indonesia and Thailand are offset by surging imports for Vietnam, where demand for feed grains continues to rise.



TRADE CHANGES IN 2016/17

Selected Exporters

- **Argentina** is up 500,000 tons to 9.5 million on a faster pace of shipments.
- **Kazakhstan** is lowered 1.0 million tons to 7.5 million on tighter exportable supplies.
- **Russia** is reduced 500,000 tons to 28.5 million based on the slower-than-anticipated pace of trade.
- **Ukraine** is raised 800,000 tons to 16.5 million based on lower domestic use and strong demand from Asian markets.
- **United States** is boosted 1.5 million tons to 27.5 million on the brisk pace of sales and shipments.

Selected Importers

- **Bangladesh** is raised 200,000 tons to 5.5 million on a stronger pace of trade and higher expected food use.
- **China** is up 500,000 tons to 4.0 million as high-quality wheat is in strong demand for blending with the lower-quality domestic crop.
- **Ethiopia** is cut 500,000 tons to 1.5 million based on slow pace of imports and the reduced size of the government's recent tender.
- **European Union** is cut 500,000 tons to 6.0 million on the slow pace of trade.
- **Indonesia** is raised 200,000 tons to 9.0 million on stronger demand for milling-quality wheat.
- **South Korea** is lowered 500,000 tons to 4.5 million based on the declining competitiveness of wheat in feed rations.
- **Morocco** is up 500,000 tons to 5.5 million based on recent purchases, which signal an effort to rebuild stocks.
- **Vietnam** is up sharply by 1.4 million tons to 5.0 million based on strong feed demand.

World Wheat, Flour, and Products Trade
July/June Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
TY Exports						
Argentina	7,450	1,675	4,200	8,750	9,000	9,500
Australia	21,269	18,339	16,575	15,782	23,500	23,500
Brazil	1,753	81	1,688	1,063	1,600	1,600
Canada	18,584	22,156	24,877	22,141	21,000	21,000
European Union	22,786	32,032	35,418	34,677	25,500	25,500
Kazakhstan	6,801	8,000	5,507	7,600	8,500	7,500
Mexico	729	1,322	1,104	1,568	1,500	1,500
Russia	11,308	18,609	22,800	25,543	29,000	28,500
Turkey	3,583	4,293	4,134	5,609	5,600	5,600
Ukraine	7,190	9,755	11,269	17,431	15,700	16,500
Others	18,084	14,731	11,222	10,049	10,112	10,097
Subtotal	119,537	130,993	138,794	150,213	151,012	150,797
United States	27,734	31,519	22,999	21,856	26,000	27,500
World Total	147,271	162,512	161,793	172,069	177,012	178,297
TY Imports						
Afghanistan	1,600	2,050	2,000	2,700	2,700	2,700
Algeria	6,484	7,484	7,257	8,153	8,200	8,200
Bangladesh	2,725	3,354	3,929	4,693	5,300	5,500
Brazil	7,547	7,061	5,869	5,922	7,300	7,300
China	2,960	6,773	1,926	3,476	3,500	4,000
Colombia	1,507	1,733	1,627	2,032	2,000	2,000
Egypt	8,400	10,150	11,300	11,925	11,800	11,800
European Union	5,276	3,976	5,975	6,916	6,500	6,000
India	20	22	273	300	3,700	3,700
Indonesia	7,146	7,391	7,478	10,116	8,800	9,000
Iraq	3,948	3,246	2,253	2,220	2,300	2,300
Japan	6,598	6,123	5,878	5,715	5,800	5,800
Korea, South	5,439	4,288	3,942	4,420	5,000	4,500
Mexico	3,823	4,639	4,476	4,805	4,600	4,600
Morocco	3,825	3,928	4,086	4,503	5,000	5,500
Nigeria	4,168	4,580	4,244	4,410	4,500	4,500
Philippines	3,620	3,476	5,055	4,850	5,000	5,000
Saudi Arabia	1,921	3,429	3,487	2,931	3,500	3,500
Sudan	1,793	2,664	2,632	2,021	2,300	2,300
Syria	963	1,603	865	965	2,300	2,300
Thailand	1,840	1,759	3,492	4,872	3,800	3,800
Turkey	3,312	4,149	5,960	4,396	5,000	5,000
Uzbekistan	1,863	2,224	2,230	2,654	2,700	2,700
Vietnam	1,671	2,157	2,296	3,069	3,600	5,000
Yemen	3,207	3,425	3,245	3,323	3,350	3,350
Others	49,609	54,020	53,232	54,242	52,266	51,811
Subtotal	141,265	155,704	155,007	165,629	170,816	172,161
Unaccounted	2,555	2,048	2,822	3,384	2,796	2,736
United States	3,451	4,760	3,964	3,056	3,400	3,400
World Total	147,271	162,512	161,793	172,069	177,012	178,297

TY=Trade Year, see Endnotes.

World Wheat Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
Production						
Argentina	9,300	10,500	13,930	11,300	15,000	15,000
Australia	22,856	25,303	23,743	24,500	33,000	33,000
Brazil	4,380	5,300	6,000	5,540	6,700	6,700
Canada	27,205	37,530	29,420	27,594	31,700	31,700
China	121,023	121,930	126,208	130,190	128,850	128,850
Egypt	8,500	8,250	8,300	8,100	8,100	8,100
European Union	133,949	144,583	156,912	160,000	144,324	144,862
India	94,882	93,506	95,850	86,530	90,000	87,000
Iran	13,800	14,500	13,000	15,000	15,500	15,500
Kazakhstan	9,841	13,941	12,996	13,748	16,500	14,985
Pakistan	23,473	24,211	25,979	25,100	25,300	25,300
Russia	37,720	52,091	59,080	61,044	72,500	72,500
Turkey	16,000	18,750	15,250	19,500	17,500	17,250
Ukraine	15,761	22,278	24,750	27,274	27,000	26,800
Uzbekistan	6,700	6,800	7,150	7,200	7,200	7,200
Others	51,942	57,474	54,564	56,849	50,657	50,632
Subtotal	597,332	656,947	673,132	679,469	689,831	685,379
United States	61,298	58,105	55,147	56,117	62,859	62,859
World Total	658,630	715,052	728,279	735,586	752,690	748,238
Total Consumption						
Algeria	9,450	9,850	10,050	10,250	10,450	10,250
Brazil	10,900	11,400	10,700	10,500	11,500	11,500
Canada	9,555	9,422	9,050	7,870	10,200	10,200
China	125,000	116,500	116,500	112,000	117,000	118,000
Egypt	18,700	18,500	19,100	19,200	19,700	19,700
European Union	119,250	117,300	124,677	130,984	129,200	129,200
India	83,824	93,848	93,102	88,551	96,840	96,840
Indonesia	6,950	7,165	7,365	9,100	9,200	9,300
Iran	16,000	17,000	17,500	18,000	18,500	18,500
Morocco	8,300	9,000	9,000	9,800	10,200	10,200
Pakistan	23,900	24,100	24,500	24,400	24,500	24,500
Russia	33,550	34,100	35,500	37,000	39,000	39,000
Turkey	17,650	17,750	17,500	18,000	17,800	17,800
Ukraine	11,400	11,500	11,500	12,300	11,800	11,300
Uzbekistan	8,000	8,400	8,900	9,350	9,700	9,700
Others	146,845	150,393	154,087	160,281	165,224	166,009
Subtotal	641,457	663,686	674,362	680,304	705,898	706,484
United States	37,810	34,261	31,334	32,021	33,993	33,911
World Total	679,267	697,947	705,696	712,325	739,891	740,395
Ending Stocks						
Australia	4,663	4,558	4,670	5,971	6,661	6,661
Canada	5,112	10,398	7,090	5,171	6,156	6,156
China	53,960	65,274	76,105	97,042	111,592	111,092
European Union	10,711	9,938	12,730	13,985	10,131	10,147
India	24,200	17,830	17,220	14,540	11,000	8,000
Iran	5,116	7,301	7,916	8,176	5,976	5,976
Russia	4,933	5,177	6,285	5,601	10,601	11,101
Others	49,584	58,381	65,012	63,728	58,884	58,470
Subtotal	158,279	178,857	197,028	214,214	221,001	217,603
United States	19,538	16,065	20,477	26,552	32,285	31,006
World Total	177,817	194,922	217,505	240,766	253,286	248,609

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Feb 2016/17
TY Imports						
North America	7,759	9,841	8,930	8,353	8,485	8,485
Central America	1,654	1,833	1,834	1,833	1,950	1,950
South America	14,422	14,866	13,132	13,340	15,030	15,130
European Union - 28	5,276	3,976	5,975	6,916	6,500	6,000
Other Europe	1,632	1,858	1,760	1,828	1,795	1,795
Former Soviet Union - 12	7,248	7,506	7,681	7,371	7,520	7,520
Middle East	24,250	28,434	26,921	24,376	25,275	25,350
North Africa	22,047	25,246	25,430	27,852	28,100	28,600
Sub-Saharan Africa	18,508	20,502	21,261	23,162	22,775	22,245
East Asia	17,354	19,465	14,115	16,224	16,810	16,810
South Asia	5,308	6,721	8,163	8,785	12,906	13,006
Southeast Asia	16,294	17,176	20,545	25,487	23,750	25,350
Others	2,964	3,040	3,224	3,158	3,320	3,320
Total	144,716	160,464	158,971	168,685	174,216	175,561
Production						
North America	91,734	99,012	88,254	87,462	98,459	98,422
South America	18,011	19,762	24,352	21,388	25,311	25,311
European Union - 28	133,949	144,583	156,912	160,000	144,324	144,862
Other Europe	3,431	4,103	3,929	4,018	4,606	4,606
Former Soviet Union - 12	77,802	103,885	112,735	118,238	131,930	130,215
Middle East	37,038	41,708	35,414	41,795	39,310	39,060
North Africa	17,501	19,661	17,013	19,912	14,131	14,131
Sub-Saharan Africa	6,736	7,235	7,523	6,313	7,217	7,241
East Asia	122,490	123,248	127,650	131,515	130,136	130,136
South Asia	126,412	125,917	130,154	119,840	123,645	120,645
Oceania	23,345	25,751	24,157	24,914	33,430	33,418
Others	181	187	186	191	191	191
Total	658,630	715,052	728,279	735,586	752,690	748,238
Domestic Consumption						
North America	53,990	50,333	47,234	46,891	51,313	51,231
South America	26,212	27,126	26,780	26,675	28,015	28,065
European Union - 28	119,250	117,300	124,677	130,984	129,200	129,200
Other Europe	4,721	4,807	4,850	4,880	5,120	5,120
Former Soviet Union - 12	71,725	72,750	75,350	78,180	79,890	79,290
Middle East	56,786	58,767	58,462	60,240	61,110	61,185
North Africa	41,340	42,475	42,726	43,646	44,875	44,675
Sub-Saharan Africa	23,990	26,305	27,025	28,532	28,844	28,814
East Asia	140,071	130,201	129,524	125,239	131,200	131,700
South Asia	121,007	132,041	132,302	128,959	138,661	138,651
Southeast Asia	16,515	16,610	19,295	23,195	23,440	24,840
Oceania	8,111	8,280	8,569	8,612	9,365	9,365
Others	3,366	3,494	3,571	3,574	3,774	3,774
Total	687,084	690,489	700,365	709,607	734,807	735,910
Ending Stocks						
North America	24,925	26,782	28,095	32,239	38,837	37,521
South America	3,538	6,834	8,468	5,024	5,019	5,084
European Union - 28	10,711	9,938	12,730	13,985	10,131	10,147
Other Europe	1,057	935	1,101	1,112	1,018	1,018
Former Soviet Union - 12	14,476	15,848	20,674	16,619	22,114	21,699
Middle East	14,300	18,801	18,344	18,441	15,271	15,021
North Africa	12,069	14,049	13,204	16,537	13,213	13,913
Sub-Saharan Africa	2,495	3,041	3,218	3,267	3,188	2,909
East Asia	57,214	68,314	79,217	100,432	114,788	114,288
South Asia	27,995	21,661	23,219	21,224	17,664	14,824
Southeast Asia	3,718	3,491	3,891	5,310	4,735	4,900
Oceania	4,978	4,861	4,956	6,217	6,928	6,905
Others	341	367	388	359	380	380
Total	177,817	194,922	217,505	240,766	253,286	248,609

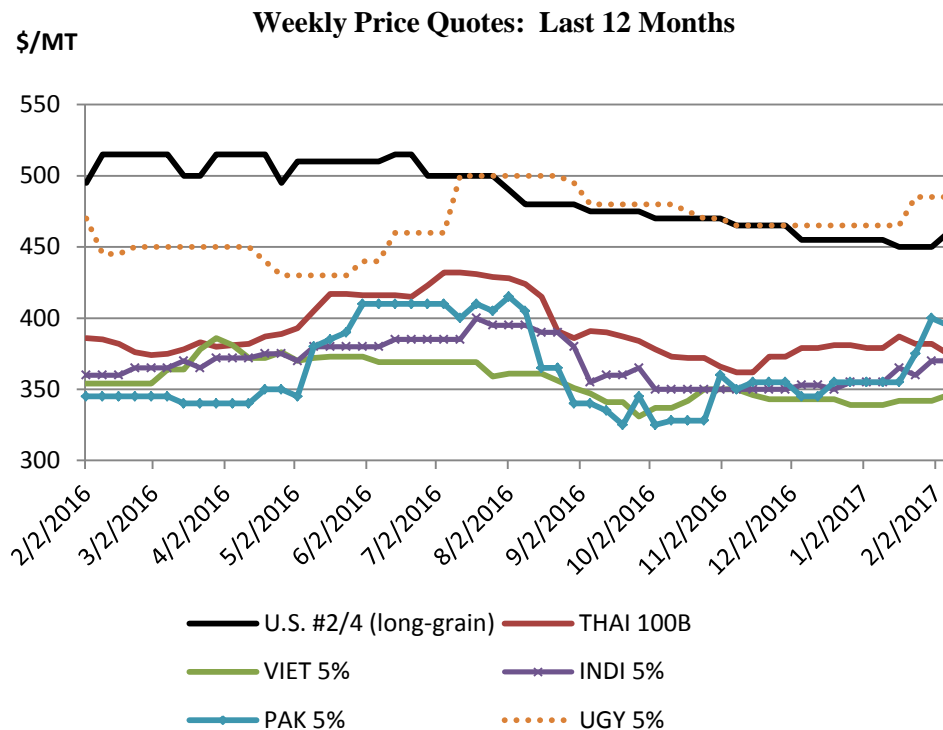
NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

RICE: WORLD MARKETS AND TRADE

OVERVIEW

For 2016/17, global rice production, already at a record, is raised fractionally this month on revisions to the crops in Bangladesh and Kazakhstan. Global trade is up, with larger imports for the United Arab Emirates and Brazil. Exports are raised for India, Thailand, and Burma. Global stocks are revised slightly lower, but are still the highest in 15 years.

PRICES



Exporter quotes for long-grain rice rose for a number of markets over the past month. Pakistani quotes increased the most, up \$40/mt to \$395, on stronger purchases from China and East Africa. Indian quotes rose \$15/mt to \$370, reflecting robust African purchases. The Vietnamese quotes went up \$7/mt to \$346, with relatively quiet trading during the Lunar New Year holidays. Western Hemisphere quotes rose \$20/mt to \$494 for Uruguay and \$5/mt to \$460 for the United States, partly in response to the recent Iraq tender. In contrast, Thai quotes declined \$9/mt to \$370 in anticipation of government auctions of stocks.

SELECTED TRADE CHANGES for 2017

- **Burma** exports are lifted 100,000 tons to 1.5 million on improved prospects to Asian markets.
- **India** exports are raised 300,000 tons to 10.3 million on enhanced opportunities in the Middle East.
- **Thailand** exports are boosted 300,000 tons to 10.0 million on commitments from the government to auction food-grade stocks. Exports for 2016 are up 367,000 tons to 9.9 on final data.
- **United Arab Emirates** imports are up 140,000 tons to 750,000 on growing consumption demand by foreign workers and tourists, in addition to the local population. Imports for 2016 are also lifted 70,000 tons to 670,000.

World Rice Trade
January/December Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
TY Exports						
Argentina	526	494	310	527	550	550
Australia	460	404	323	150	250	250
Brazil	830	852	895	641	650	650
Burma	1,163	1,688	1,735	1,171	1,400	1,500
Cambodia	1,075	1,000	1,150	900	1,000	1,000
China	447	393	262	275	275	275
Egypt	700	600	250	200	300	300
European Union	203	284	251	270	280	280
Guyana	346	446	486	460	500	500
India	10,480	11,588	11,046	10,200	10,000	10,300
Pakistan	4,126	3,700	4,000	4,300	4,200	4,200
Paraguay	365	380	371	581	470	470
Thailand	6,722	10,969	9,779	9,867	9,700	10,000
Uruguay	939	957	718	983	840	850
Vietnam	6,700	6,325	6,606	5,100	5,800	5,800
Others	1,116	1,081	1,090	1,099	1,015	1,030
Subtotal	36,198	41,161	39,272	36,724	37,230	37,955
United States	3,295	2,947	3,355	3,541	3,550	3,550
World Total	39,493	44,108	42,627	40,265	40,780	41,505
TY Imports						
Angola	430	500	450	450	475	475
Brazil	712	586	363	771	650	700
Cameroon	550	610	525	530	530	530
China	3,500	4,450	5,150	4,500	5,000	5,000
Cote d'Ivoire	830	950	1,150	1,300	1,350	1,350
Cuba	413	377	575	544	510	510
European Union	1,375	1,556	1,786	1,800	1,850	1,850
Ghana	725	590	500	650	650	650
Guinea	360	380	350	450	500	500
Haiti	416	387	447	470	490	490
Indonesia	650	1,225	1,350	1,100	1,000	1,000
Iran	2,220	1,400	1,300	1,100	1,050	1,050
Iraq	1,294	1,080	1,009	900	1,000	1,000
Japan	690	669	688	685	700	685
Kenya	410	440	450	460	470	470
Malaysia	885	989	1,051	950	950	950
Mexico	749	685	719	700	750	750
Mozambique	500	590	575	575	600	600
Nepal	340	510	529	450	550	550
Nigeria	2,400	3,200	2,100	2,000	1,900	1,900
Philippines	1,000	1,800	2,000	800	1,400	1,400
Saudi Arabia	1,326	1,459	1,600	1,500	1,550	1,550
Senegal	902	960	990	985	990	990
South Africa	990	910	912	1,000	925	925
United Arab Emirates	540	560	580	670	610	750
Others	11,561	13,514	11,728	10,896	11,269	11,259
Subtotal	35,768	40,377	38,877	36,236	37,719	37,884
Unaccounted	3,050	2,976	2,992	3,261	2,311	2,871
United States	675	755	758	768	750	750
World Total	39,493	44,108	42,627	40,265	40,780	41,505

TY=Trade Year, see Endnotes. Note about dates: 2015/16 is calendar year 2016, 2014/15 is calendar year 2015, and so on.

World Rice Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
Milled Production						
Bangladesh	33,820	34,390	34,500	34,500	34,515	34,581
Brazil	8,037	8,300	8,465	7,210	7,820	7,820
Burma	11,715	11,957	12,600	12,200	12,500	12,500
Cambodia	4,670	4,725	4,700	4,705	4,700	4,700
China	143,000	142,530	144,560	145,770	144,850	144,850
Egypt	4,675	4,750	4,530	4,000	4,554	4,554
India	105,241	106,646	105,482	104,320	106,500	106,500
Indonesia	36,550	36,300	35,560	36,200	36,600	36,600
Japan	7,907	7,931	7,849	7,670	7,790	7,790
Korea, South	4,006	4,230	4,241	4,327	4,200	4,197
Nepal	3,003	3,361	3,100	3,100	3,100	3,100
Pakistan	5,536	6,798	6,900	6,800	6,640	6,640
Philippines	11,428	11,858	11,915	11,000	11,500	11,500
Thailand	20,200	20,460	18,750	15,800	18,600	18,600
Vietnam	27,537	28,161	28,166	27,458	27,800	27,800
Others	38,857	39,821	40,129	40,851	41,230	41,285
Subtotal	466,182	472,218	471,447	465,911	472,899	473,017
United States	6,348	6,117	7,106	6,133	7,117	7,117
World Total	472,530	478,335	478,553	472,044	480,016	480,134
Consumption and Residual						
Bangladesh	34,500	34,900	35,100	35,100	35,000	35,000
Brazil	7,850	7,900	7,925	7,850	7,850	7,850
Burma	10,400	10,450	10,500	10,800	11,000	11,000
Cambodia	3,550	3,650	3,615	3,700	3,725	3,725
China	141,000	143,000	144,500	144,000	144,000	144,000
Egypt	4,050	4,000	4,000	3,900	4,000	4,000
European Union	3,250	3,250	3,400	3,550	3,650	3,650
India	93,972	98,727	98,244	93,480	97,000	97,000
Indonesia	38,127	38,500	38,300	37,900	37,500	37,500
Japan	8,351	8,380	8,600	8,500	8,500	8,500
Korea, South	4,489	4,422	4,197	4,212	4,484	4,700
Nigeria	5,300	5,500	5,400	5,200	5,000	5,000
Philippines	12,850	12,850	13,200	13,000	13,100	12,900
Thailand	10,600	10,600	10,000	9,100	10,300	10,300
Vietnam	21,600	22,000	22,000	22,600	22,700	22,700
Others	59,157	61,812	61,733	61,930	63,500	63,643
Subtotal	461,649	474,371	473,161	466,995	473,620	474,441
United States	3,779	3,977	4,301	3,555	4,191	4,190
World Total	465,428	478,348	477,462	470,550	477,811	478,631
Ending Stocks						
China	49,832	53,102	57,436	63,735	69,310	69,310
Egypt	427	610	924	924	1,478	1,478
India	25,500	22,800	17,800	18,400	17,900	17,700
Indonesia	6,476	5,501	4,111	3,511	3,611	3,611
Japan	2,857	3,007	2,821	2,622	2,516	2,512
Korea, South	780	899	1,406	1,831	1,821	1,736
Thailand	12,808	11,999	11,270	8,403	7,020	6,953
Others	14,048	14,928	17,642	15,555	13,466	13,004
Subtotal	112,728	112,846	113,410	114,981	117,122	116,304
United States	1,156	1,025	1,552	1,475	1,591	1,655
World Total	113,884	113,871	114,962	116,456	118,713	117,959

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Feb 2016/17
TY Imports						
North America	1,779	1,801	1,839	1,818	1,865	1,865
Caribbean	969	911	1,174	1,174	1,155	1,155
South America	1,833	1,814	1,685	1,979	1,762	1,812
Other Europe	125	132	128	135	140	140
Former Soviet Union - 12	557	626	569	485	501	491
Middle East	7,252	6,711	6,467	5,865	6,100	6,240
North Africa	487	485	391	470	670	670
Sub-Saharan Africa	11,567	12,627	10,799	11,375	11,490	11,490
East Asia	5,349	6,044	6,686	6,004	6,631	6,616
South Asia	722	2,566	1,692	825	1,060	1,060
Southeast Asia	3,606	5,023	5,674	4,088	4,420	4,420
Others	2,197	2,392	2,531	2,786	2,675	2,675
Total	36,443	41,132	39,635	37,004	38,469	38,634
Production						
North America	6,479	6,248	7,285	6,289	7,290	7,307
Caribbean	974	1,054	979	992	982	982
South America	15,852	16,384	16,431	15,397	15,922	15,907
European Union - 28	2,100	1,937	1,954	2,050	2,050	2,050
Former Soviet Union - 12	1,294	1,205	1,185	1,262	1,205	1,258
Middle East	2,251	2,450	2,443	2,392	2,521	2,521
North Africa	4,704	4,789	4,530	4,000	4,554	4,554
Sub-Saharan Africa	13,272	13,984	14,468	15,140	15,551	15,551
East Asia	157,953	157,701	159,486	160,211	159,584	159,581
South Asia	150,660	154,377	153,218	152,411	153,508	153,574
Southeast Asia	115,490	116,867	115,367	111,089	115,471	115,471
Others	1,501	1,339	1,207	811	1,378	1,378
Total	472,530	478,335	478,553	472,044	480,016	480,134
Domestic Consumption						
North America	4,987	5,216	5,539	4,788	5,446	5,445
Central America	1,171	1,200	1,203	1,338	1,333	1,333
Caribbean	1,954	1,992	2,051	2,142	2,201	2,201
South America	14,341	14,582	14,637	14,754	14,788	14,773
European Union - 28	3,250	3,250	3,400	3,550	3,650	3,650
Former Soviet Union - 12	1,579	1,605	1,524	1,538	1,526	1,544
Middle East	8,989	9,190	9,235	8,796	8,808	8,948
North Africa	4,572	4,480	4,379	4,220	4,370	4,370
Sub-Saharan Africa	24,741	26,076	26,077	26,208	27,080	27,080
East Asia	157,459	159,414	160,566	159,592	160,209	160,425
South Asia	137,375	143,433	143,291	138,677	142,103	142,103
Southeast Asia	101,694	102,763	102,557	102,244	103,441	103,241
Others	713	717	556	530	545	545
Total	462,825	473,918	475,015	468,377	475,500	475,658
Ending Stocks						
North America	1,349	1,184	1,717	1,602	1,742	1,830
Central America	186	210	233	305	293	293
Caribbean	289	264	223	227	168	168
South America	1,586	1,844	2,151	1,435	1,357	1,345
European Union - 28	1,188	1,163	1,151	1,182	1,152	1,152
Middle East	2,004	1,864	1,777	1,163	951	951
North Africa	427	610	924	924	1,478	1,478
Sub-Saharan Africa	2,229	2,133	2,191	1,977	1,678	1,678
East Asia	53,832	57,296	61,919	68,424	73,903	73,814
South Asia	26,891	24,920	21,428	21,571	19,840	19,697
Southeast Asia	23,486	21,976	20,857	17,427	15,840	15,252
Oceania	238	241	223	73	180	180
Others	179	166	168	146	131	121
Total	113,884	113,871	114,962	116,456	118,713	117,959

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

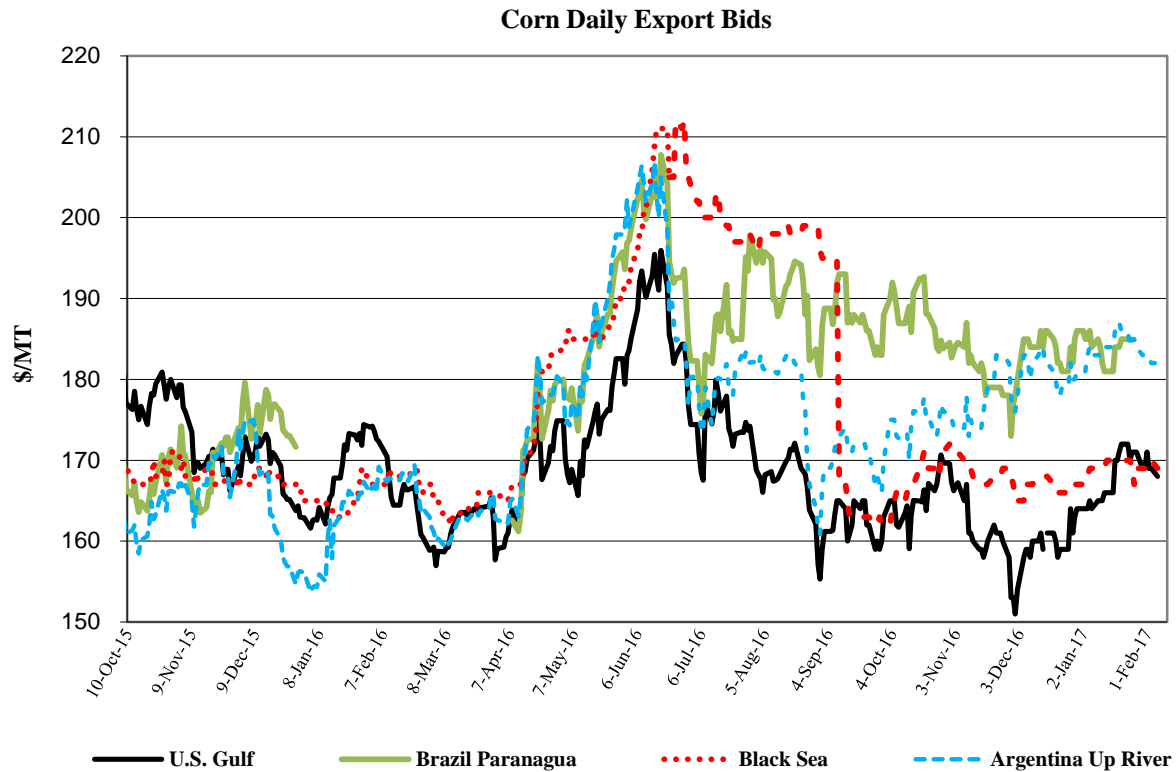
COARSE GRAINS: WORLD MARKETS AND TRADE

OVERVIEW

Record corn production for 2016/17 is raised from last month with larger crops in both Ukraine and Mexico more than offsetting lower production in the EU. Robust demand in both Iran and Vietnam support a higher volume of global exports. Moreover, a smaller barley crop in Iran boosts the demand for imported feedstuffs. The U.S. season-average farm price for corn is unchanged at \$3.40 per bushel.

PRICES

Corn prices in major exporting countries are minimally changed from last month. Argentine quotes are around \$182 per ton, mostly unchanged from last month, while Brazilian FOB quotes have been seasonally unavailable. Black Sea quotes are nearly the same at \$170. U.S. prices displayed the strongest growth, briefly surpassing \$170 but nevertheless retreating to \$168 per ton. Reflecting abundant new-crop supplies, both U.S. and Black Sea quotes show significant divergence from South American bids in advance of upcoming harvests. However, Argentine forward prices, March onward, are competitive relative to the United States.



TRADE CHANGES IN 2016/17

Selected Exporters

- **U.S. sorghum** is cut 500,000 tons to 5.8 million on a continued slow pace of sales and shipments particularly to China.
- **Canadian corn** is up 300,000 tons to 1.0 million reflecting larger sales to Spain.
- **Kazakh barley** is boosted 300,000 tons to 1.0 million with the brisk pace of recent exports.
- **Ukrainian corn** is raised 700,000 tons to 18.7 million reflecting higher exportable supplies.
- **European Union barley** is down 300,000 tons to 5.9 million due to the slow pace of exports.

Selected Importers

- **Chinese sorghum** is cut 500,000 tons to 4.5 million on a slower pace to date.
Note: 2016/17 (Oct-Sep) corn consumption is boosted this month to partly offset lower imports of alternative feedstuffs, particularly sorghum and distillers' dried grains (DDGS). Since the elimination of the support price, corn prices in China have dropped substantially, encouraging greater use of domestic corn. Also, higher duties on U.S. DDGS have resulted in substantially lower imports. The corn use for food, seed, industrial (FSI) is also raised as lower prices and government support policies are expected to promote domestic use and exports of corn products - corn starch, glucose, fructose, and citric acid. As a result, corn ending stocks are forecast lower from last month.
- **Iranian corn** is boosted 500,000 tons to 7.5 million to partly offset the smaller barley crop.
- **Vietnamese corn** is raised 500,000 tons to 8.0 million reflecting larger shipments from Argentina.

World Coarse Grain Trade
October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
TY Exports						
Argentina	29,497	16,630	21,003	25,284	28,355	28,355
Australia	6,416	7,009	7,291	6,682	7,775	7,775
Brazil	26,078	22,059	21,954	35,415	22,030	22,030
Canada	4,658	5,482	3,599	4,687	4,050	4,450
European Union	8,943	7,841	15,068	10,934	8,530	8,230
Paraguay	2,861	2,718	3,031	2,676	2,315	2,315
Russia	4,366	7,074	9,155	8,465	9,235	9,235
Serbia	605	1,799	3,001	1,546	2,560	2,560
South Africa	2,412	2,128	762	769	1,325	1,325
Ukraine	15,527	24,125	24,208	21,457	23,210	23,910
Others	10,454	11,610	8,421	7,959	7,125	7,430
Subtotal	111,817	108,475	117,493	125,874	116,510	117,615
United States	20,586	56,776	56,423	59,295	62,985	62,485
World Total	132,403	165,251	173,916	185,169	179,495	180,100
TY Imports						
Algeria	3,289	4,946	4,863	5,224	5,425	5,425
Brazil	1,238	1,184	1,023	2,121	2,250	2,250
Chile	1,327	1,621	1,707	1,805	2,025	2,025
China	5,603	12,445	25,699	17,499	13,200	12,700
Colombia	4,090	4,795	4,747	4,824	5,140	5,140
Egypt	5,097	8,775	7,940	8,849	9,105	9,105
European Union	11,778	16,355	9,408	14,261	13,655	13,655
Iran	4,800	6,600	8,000	8,300	8,600	9,100
Israel	1,564	2,073	1,603	1,510	1,810	1,810
Japan	17,742	17,501	16,726	17,063	16,870	16,870
Jordan	1,406	1,672	1,459	1,722	1,475	1,475
Korea, South	8,265	10,499	10,245	10,192	9,885	9,885
Libya	1,220	1,493	1,685	1,905	1,500	1,500
Malaysia	3,048	3,485	3,238	4,134	3,800	3,800
Mexico	7,624	11,312	11,640	14,904	14,775	14,775
Morocco	1,832	2,858	2,217	3,182	3,200	3,200
Peru	2,404	2,336	2,863	3,077	3,035	3,035
Saudi Arabia	12,390	11,332	11,115	13,992	14,210	14,210
South Africa	92	235	693	2,728	2,730	2,730
Taiwan	4,413	4,346	3,938	4,781	4,700	4,700
Tunisia	1,608	1,449	1,525	1,713	1,800	1,800
Turkey	1,922	1,977	2,719	713	1,805	1,805
Venezuela	2,154	2,627	2,433	1,800	2,200	2,200
Vietnam	1,600	4,300	6,700	8,600	7,500	8,000
Zimbabwe	720	620	720	834	1,440	1,440
Others	16,048	19,550	21,187	20,171	19,996	20,011
Subtotal	123,274	156,386	166,093	175,904	172,131	172,646
Unaccounted	2,614	5,542	4,528	5,283	3,889	3,899
United States	6,515	3,323	3,295	3,982	3,475	3,555
World Total	132,403	165,251	173,916	185,169	179,495	180,100

TY=Trade Year, see Endnotes.

World Coarse Grains Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
Production						
Argentina	37,246	35,665	36,782	37,939	43,834	43,884
Australia	11,414	12,158	12,605	12,437	14,484	14,484
Brazil	84,253	82,603	87,669	69,126	89,017	89,017
Canada	24,445	28,745	21,992	25,619	25,630	25,630
China	212,192	225,407	222,750	231,822	227,354	227,354
Ethiopia	12,286	13,079	14,442	9,985	12,750	12,750
European Union	146,188	159,212	170,688	151,740	152,356	151,998
India	39,910	43,216	43,076	38,043	42,260	42,260
Indonesia	8,500	9,100	9,000	10,500	10,200	10,200
Mexico	28,881	32,065	32,689	32,397	31,825	32,325
Nigeria	18,573	19,292	19,015	17,950	18,500	18,500
Russia	28,658	35,735	40,386	37,427	40,915	40,915
South Africa	12,873	15,518	11,110	8,364	13,468	13,513
Turkey	10,595	13,090	9,425	14,275	10,925	10,925
Ukraine	29,528	40,022	39,389	33,387	38,100	39,205
Others	145,649	147,581	159,378	150,611	153,441	153,467
Subtotal	851,191	912,488	930,396	881,622	925,059	926,427
United States	285,311	367,089	377,234	367,009	402,598	402,598
World Total	1,136,502	1,279,577	1,307,630	1,248,631	1,327,657	1,329,025
Domestic Consumption						
Argentina	12,050	13,695	14,232	14,271	15,534	15,534
Brazil	55,803	58,028	60,023	59,693	61,427	61,427
Canada	20,340	22,345	21,295	21,236	22,495	22,095
China	209,671	223,546	229,059	239,165	245,550	249,050
Egypt	12,910	14,122	14,832	15,803	16,058	16,058
European Union	153,341	164,401	162,555	156,910	160,180	159,880
India	35,075	37,600	40,400	39,490	40,970	40,970
Iran	10,520	11,320	12,020	13,820	15,920	15,520
Japan	17,830	17,570	16,903	17,258	17,181	17,181
Mexico	36,195	40,935	42,175	44,715	45,815	45,915
Nigeria	18,700	19,350	18,950	18,150	18,500	18,500
Russia	25,134	28,619	31,139	29,640	30,825	30,825
Saudi Arabia	10,750	11,411	11,905	14,105	14,630	14,805
Turkey	13,005	13,430	13,055	14,425	13,230	13,230
Ukraine	14,661	15,977	15,430	13,865	14,295	14,395
Others	218,848	227,554	240,522	241,130	246,439	247,180
Subtotal	858,948	927,440	960,472	936,749	992,029	995,284
United States	275,537	305,044	311,339	312,705	327,491	329,101
World Total	1,134,485	1,232,484	1,271,811	1,249,454	1,319,520	1,324,385
Ending Stocks						
Brazil	9,560	14,259	8,213	6,166	6,776	6,776
Canada	3,024	4,648	3,334	4,666	4,741	4,841
China	68,386	82,659	102,027	112,156	107,130	103,125
European Union	13,055	15,565	18,940	14,896	11,855	12,439
Iran	4,654	5,094	7,134	7,174	6,714	6,314
Mexico	1,542	3,487	4,832	5,908	5,985	6,293
Saudi Arabia	3,230	3,722	3,361	4,405	4,127	4,165
Others	36,962	47,290	52,067	42,550	42,761	43,873
Subtotal	140,413	176,724	199,908	197,921	190,089	187,826
United States	23,531	34,313	46,948	48,112	63,736	62,847
World Total	163,944	211,037	246,856	246,033	253,825	250,673

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Feb 2016/17
TY Imports						
North America	14,661	15,349	16,648	19,976	19,340	19,420
Central America	2,470	2,923	3,456	3,938	3,875	3,875
Caribbean	2,327	2,330	2,444	2,597	2,685	2,685
South America	11,812	13,180	13,355	13,993	15,635	15,675
European Union - 28	11,778	16,355	9,408	14,261	13,655	13,655
Former Soviet Union - 12	728	807	723	553	655	655
Middle East	25,078	26,614	27,768	29,379	31,080	31,580
North Africa	13,046	19,521	18,230	20,873	21,030	21,030
Sub-Saharan Africa	2,742	3,616	4,569	7,018	7,405	7,405
East Asia	36,176	44,865	56,665	49,588	44,735	44,235
Southeast Asia	7,961	12,814	14,736	15,810	13,875	14,375
Others	1,010	1,335	1,386	1,900	1,636	1,611
Total	129,789	159,709	169,388	179,886	175,606	176,201
Production						
North America	338,637	427,899	431,915	425,025	460,053	460,553
South America	136,025	131,844	138,220	120,789	145,736	145,786
European Union - 28	146,188	159,212	170,688	151,740	152,356	151,998
Other Europe	6,567	8,864	10,736	8,976	10,523	10,523
Former Soviet Union - 12	68,222	87,758	91,599	82,121	91,341	93,116
Middle East	18,632	21,630	17,819	22,697	19,903	19,284
North Africa	10,473	11,560	11,092	12,497	9,815	9,815
Sub-Saharan Africa	103,567	102,631	109,419	94,759	104,238	104,283
East Asia	214,616	227,797	225,528	234,465	230,003	230,003
South Asia	47,642	51,986	51,822	46,597	51,088	51,088
Southeast Asia	29,005	30,616	30,945	31,418	32,773	32,773
Oceania	12,082	12,805	13,283	13,129	15,124	15,059
Others	4,846	4,975	4,564	4,418	4,704	4,744
Total	1,136,502	1,279,577	1,307,630	1,248,631	1,327,657	1,329,025
Domestic Consumption						
North America	332,072	368,324	374,809	378,656	395,801	397,111
South America	89,796	94,375	97,049	97,345	100,833	100,953
European Union - 28	153,341	164,401	162,555	156,910	160,180	159,880
Other Europe	7,098	7,751	8,117	8,361	8,497	8,472
Former Soviet Union - 12	50,225	55,736	58,148	54,616	56,736	57,082
Middle East	42,852	45,753	45,586	51,186	52,687	52,462
North Africa	25,171	28,059	30,230	32,391	32,013	32,013
Sub-Saharan Africa	103,253	102,361	109,819	103,276	105,741	105,771
East Asia	242,831	257,690	262,947	273,506	279,902	283,402
South Asia	42,704	46,165	49,329	48,985	50,524	50,524
Southeast Asia	35,387	38,543	41,133	43,589	45,666	46,016
Oceania	6,107	5,764	5,846	6,654	6,769	6,749
Others	9,533	10,025	10,266	10,906	11,191	11,231
Total	1,140,370	1,224,947	1,255,834	1,266,381	1,306,540	1,311,666
Ending Stocks						
North America	28,097	42,448	55,114	58,686	74,462	73,981
South America	15,559	21,435	16,069	12,342	12,809	13,420
European Union - 28	13,055	15,565	18,940	14,896	11,855	12,439
Other Europe	618	750	1,069	865	1,218	1,218
Former Soviet Union - 12	5,017	7,018	7,429	4,213	5,838	6,267
Middle East	9,933	11,721	12,634	13,998	12,595	12,230
North Africa	3,584	5,629	5,443	5,880	4,602	4,602
Sub-Saharan Africa	9,049	9,542	12,319	8,481	9,243	9,243
East Asia	71,687	86,671	105,900	116,423	111,229	107,224
South Asia	2,404	4,093	5,289	3,056	3,631	3,631
Southeast Asia	3,259	4,114	4,040	4,728	3,205	3,325
Oceania	902	1,115	1,634	1,493	2,118	2,073
Others	780	936	976	972	1,020	1,020
Total	163,944	211,037	246,856	246,033	253,825	250,673

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Corn Trade
October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
TY Exports						
Argentina	22,789	12,846	18,448	21,672	25,500	25,500
Brazil	26,044	22,041	21,909	35,382	22,000	22,000
Burma	750	1,100	1,250	1,000	1,100	1,100
Canada	1,813	1,939	395	1,764	700	1,000
European Union	2,194	2,404	4,027	1,949	2,000	2,000
Paraguay	2,858	2,714	3,012	2,661	2,300	2,300
Russia	1,917	4,194	3,213	4,691	5,300	5,300
Serbia	578	1,780	2,964	1,513	2,500	2,500
South Africa	2,398	2,104	746	759	1,300	1,300
Ukraine	12,726	20,004	19,661	16,595	18,000	18,700
Others	8,417	9,013	5,971	5,757	4,850	4,850
Subtotal	82,484	80,139	81,596	93,743	85,550	86,550
United States	18,262	50,691	46,831	51,198	56,500	56,500
World Total	100,746	130,830	128,427	144,941	142,050	143,050
TY Imports						
Algeria	2,918	4,156	4,116	4,329	4,500	4,500
Brazil	869	846	534	1,566	1,800	1,800
Canada	492	678	1,536	949	1,000	1,000
Chile	844	1,456	1,516	1,600	1,800	1,800
China	2,702	3,277	5,516	3,174	3,000	3,000
Colombia	3,266	4,436	4,496	4,458	4,800	4,800
Dominican Republic	1,046	1,011	1,202	1,351	1,350	1,350
Egypt	5,059	8,726	7,841	8,776	9,000	9,000
European Union	11,362	16,014	8,908	13,768	13,100	13,100
Iran	3,700	5,500	6,100	6,600	7,000	7,500
Israel	1,224	1,652	1,296	1,152	1,500	1,500
Japan	14,411	15,121	14,657	15,194	15,000	15,000
Korea, South	8,174	10,406	10,168	10,121	9,800	9,800
Malaysia	3,048	3,485	3,238	4,134	3,800	3,800
Mexico	5,676	10,949	11,341	14,011	13,800	13,800
Morocco	1,684	2,349	1,941	2,224	2,300	2,300
Peru	2,254	2,232	2,741	2,954	2,900	2,900
Saudi Arabia	2,063	2,684	2,904	3,583	3,700	3,700
South Africa	0	79	469	2,579	2,500	2,500
Taiwan	4,241	4,179	3,810	4,656	4,600	4,600
Tunisia	846	993	1,042	1,017	1,200	1,200
Turkey	1,656	1,381	2,377	567	1,500	1,500
Venezuela	2,154	2,626	2,433	1,800	2,200	2,200
Vietnam	1,600	4,300	6,700	8,600	7,500	8,000
Zimbabwe	700	600	700	800	1,400	1,400
Others	12,876	16,823	17,309	16,670	16,450	16,470
Subtotal	94,865	125,959	124,891	136,633	137,500	138,520
Unaccounted	1,616	4,144	2,727	6,529	3,150	3,130
United States	4,265	727	809	1,779	1,400	1,400
World Total	100,746	130,830	128,427	144,941	142,050	143,050

TY=Trade Year, see Endnotes.

World Corn Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
Production						
Argentina	27,000	26,000	29,750	29,000	36,500	36,500
Brazil	81,500	80,000	85,000	67,000	86,500	86,500
Canada	13,060	14,194	11,487	13,559	13,200	13,200
China	205,614	218,489	215,646	224,632	219,554	219,554
Ethiopia	6,158	6,492	7,235	5,050	6,300	6,300
European Union	59,142	64,931	75,720	58,408	60,684	60,309
India	22,258	24,259	24,170	21,800	24,500	24,500
Indonesia	8,500	9,100	9,000	10,500	10,200	10,200
Mexico	21,591	22,880	25,480	25,971	24,500	26,000
Nigeria	7,630	7,700	7,515	7,000	7,200	7,200
Philippines	7,261	7,532	7,671	6,970	7,900	7,900
Russia	8,213	11,635	11,325	13,168	15,500	15,500
Serbia	3,750	5,900	7,700	6,000	7,500	7,500
South Africa	12,365	14,925	10,629	7,900	13,000	13,000
Ukraine	20,922	30,900	28,450	23,333	27,000	28,000
Others	91,482	94,171	97,701	94,934	93,111	93,265
Subtotal	596,446	639,108	654,479	615,225	653,149	655,428
United States	273,192	351,272	361,091	345,506	384,778	384,778
World Total	869,638	990,380	1,015,570	960,731	1,037,927	1,040,206
Total Consumption						
Argentina	7,900	8,800	9,300	9,150	10,500	10,500
Brazil	52,500	55,000	57,000	57,000	58,500	58,500
Canada	11,604	12,675	12,820	12,354	13,300	12,900
China	200,000	208,000	202,000	217,500	227,000	231,000
Egypt	12,000	13,200	13,900	14,850	15,100	15,100
European Union	69,846	76,796	77,880	73,200	73,600	73,300
India	17,500	19,600	22,300	22,650	23,400	23,400
Indonesia	10,900	11,900	12,200	12,100	12,300	12,300
Iran	6,200	6,800	7,400	8,800	10,300	10,600
Japan	14,300	15,000	14,600	15,200	15,100	15,100
Korea, South	8,481	9,891	10,250	10,123	9,900	9,900
Mexico	27,000	31,700	34,550	37,300	37,500	38,600
Russia	6,400	7,500	8,100	8,700	9,600	9,600
South Africa	11,000	11,500	11,650	11,200	11,300	11,300
Vietnam	6,200	7,700	9,400	12,000	12,400	12,900
Others	144,087	153,268	158,428	157,954	160,846	160,986
Subtotal	601,597	655,797	678,784	661,239	712,997	718,187
United States	262,973	292,958	301,792	298,869	313,958	314,847
World Total	864,570	948,755	980,576	960,108	1,026,955	1,033,034
Ending Stocks						
Brazil	9,150	13,972	7,842	5,842	6,442	6,442
Canada	1,549	1,600	1,402	2,243	2,343	2,543
China	67,579	81,323	100,472	110,774	106,308	102,308
Egypt	1,076	2,398	2,295	2,211	2,101	2,101
European Union	5,146	6,891	9,612	6,639	5,015	4,748
Iran	3,236	4,476	5,716	6,056	5,296	5,496
Mexico	975	2,603	4,090	5,213	5,242	5,613
Others	23,578	30,218	34,364	27,289	28,414	29,378
Subtotal	112,289	143,481	165,793	166,267	161,161	158,629
United States	20,859	31,292	43,974	44,123	59,822	58,933
World Total	133,148	174,773	209,767	210,390	220,983	217,562

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Feb 2016/17
TY Imports						
North America	10,433	12,354	13,686	16,739	16,200	16,200
Central America	2,470	2,922	3,456	3,938	3,875	3,875
South America	9,651	12,025	12,042	12,554	14,300	14,320
European Union - 28	11,362	16,014	8,908	13,768	13,100	13,100
Former Soviet Union - 12	322	448	491	359	420	420
Middle East	10,944	13,812	15,237	14,916	16,475	16,975
North Africa	11,154	17,036	15,624	16,927	17,700	17,700
Sub-Saharan Africa	2,092	2,941	3,776	6,289	6,670	6,670
East Asia	29,681	33,057	34,208	33,198	32,480	32,480
Southeast Asia	7,943	12,768	14,722	15,795	13,860	14,360
Caribbean	2,327	2,330	2,444	2,597	2,685	2,685
Others	751	979	1,106	1,332	1,135	1,135
Total	99,130	126,686	125,700	138,412	138,900	139,920
Production						
North America	307,843	388,346	398,058	385,036	422,478	423,978
South America	120,997	117,456	126,592	107,559	133,484	133,484
European Union - 28	59,142	64,931	75,720	58,408	60,684	60,309
Other Europe	4,912	7,222	8,963	7,191	8,729	8,729
Former Soviet Union - 12	32,310	46,916	43,801	39,845	46,560	47,622
Middle East	7,493	8,173	7,769	9,228	8,439	8,508
North Africa	5,919	5,898	6,161	6,201	6,201	6,201
Sub-Saharan Africa	60,555	63,519	63,151	55,331	59,883	59,883
East Asia	207,737	220,582	218,095	226,983	221,908	221,908
South Asia	28,857	31,865	31,740	29,170	32,070	32,070
Central America	3,755	3,817	3,416	3,300	3,560	3,600
Southeast Asia	28,740	30,334	30,651	31,123	32,483	32,483
Others	1,378	1,321	1,453	1,356	1,448	1,431
Total	869,638	990,380	1,015,570	960,731	1,037,927	1,040,206
Domestic Consumption						
North America	301,577	337,333	349,162	348,523	364,758	366,347
South America	78,981	83,551	86,451	86,626	89,785	89,885
European Union - 28	69,846	76,796	77,880	73,200	73,600	73,300
Other Europe	5,194	5,847	6,147	6,422	6,520	6,520
Former Soviet Union - 12	18,080	21,130	21,482	20,395	21,865	21,965
Middle East	18,710	19,785	21,710	23,845	25,680	26,030
North Africa	18,450	20,800	22,100	23,140	24,020	24,020
Sub-Saharan Africa	60,039	62,444	63,901	62,183	61,031	61,031
East Asia	229,234	239,185	233,237	249,453	258,955	262,955
South Asia	23,980	26,982	30,007	30,720	31,570	31,570
Southeast Asia	35,109	38,254	40,799	43,284	45,360	45,710
Central America	6,175	6,600	6,710	7,175	7,350	7,390
Others	3,516	3,581	3,984	3,984	4,110	4,110
Total	868,891	942,288	963,570	978,950	1,014,604	1,020,833
Ending Stocks						
North America	23,383	35,495	49,466	51,579	67,407	67,089
South America	13,628	19,022	14,004	10,151	10,969	11,530
European Union - 28	5,146	6,891	9,612	6,639	5,015	4,748
Other Europe	371	504	852	716	1,065	1,065
Former Soviet Union - 12	1,948	3,368	3,023	1,426	2,846	3,108
Middle East	4,108	5,872	7,067	7,194	6,264	6,502
North Africa	1,771	3,117	3,306	3,037	2,908	2,908
Sub-Saharan Africa	6,589	7,534	9,487	6,765	7,327	7,327
East Asia	70,387	84,864	103,922	114,648	110,061	106,061
South Asia	1,744	3,005	3,935	2,465	2,835	2,835
Southeast Asia	3,254	4,108	4,034	4,722	3,205	3,325
Central America	487	597	600	627	692	692
Others	332	396	459	421	389	372
Total	133,148	174,773	209,767	210,390	220,983	217,562

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Barley Trade
October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
TY Exports						
Argentina	3,647	2,829	1,599	2,836	2,000	2,000
Australia	4,622	6,261	5,266	5,400	7,000	7,000
Canada	1,316	1,714	1,386	1,146	1,700	1,700
European Union	6,501	4,926	10,642	8,603	6,200	5,900
India	546	546	97	5	70	70
Kazakhstan	151	501	476	776	700	1,000
Russia	2,366	2,791	5,807	3,735	3,900	3,900
Serbia	26	18	37	33	60	60
Ukraine	2,659	3,827	4,332	4,673	5,000	5,000
Uruguay	107	36	43	44	50	50
Others	58	42	123	64	75	75
Subtotal	21,999	23,491	29,808	27,315	26,755	26,755
United States	163	336	291	161	150	150
World Total	22,162	23,827	30,099	27,476	26,905	26,905
TY Imports						
Algeria	364	778	723	864	900	900
Brazil	369	337	489	551	450	450
China	2,183	4,891	9,859	5,869	5,000	5,000
Colombia	232	253	249	301	285	285
Egypt	37	46	98	72	100	100
European Union	53	58	269	315	350	350
Iran	1,100	1,100	1,900	1,700	1,600	1,600
Israel	244	304	278	321	275	275
Japan	1,356	1,294	1,097	1,154	1,100	1,100
Jordan	831	997	759	902	800	800
Kuwait	388	436	412	247	400	400
Libya	573	681	1,001	1,324	800	800
Mexico	47	108	184	132	175	175
Morocco	148	471	276	958	900	900
Peru	103	87	122	98	110	110
Saudi Arabia	10,200	8,500	8,200	10,400	10,500	10,500
Syria	300	100	100	100	200	200
Tunisia	762	456	483	696	600	600
Turkey	266	596	332	146	300	300
United Arab Emirates	541	468	394	467	400	400
Others	1,112	1,077	1,241	1,070	1,076	1,051
Subtotal	21,209	23,038	28,466	27,687	26,321	26,296
Unaccounted	522	266	1,203	-561	234	259
United States	431	523	430	350	350	350
World Total	22,162	23,827	30,099	27,476	26,905	26,905

TY=Trade Year, see Endnotes.

World Barley Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
Production						
Argentina	5,000	4,750	2,900	4,940	3,150	3,200
Australia	7,472	9,174	8,646	8,593	10,600	10,600
Belarus	1,917	1,674	1,988	1,849	2,100	2,100
Canada	8,012	10,237	7,119	8,226	8,800	8,800
China	1,626	1,700	1,810	1,870	2,000	2,000
Ethiopia	1,782	1,908	1,953	1,950	2,050	2,050
European Union	54,875	59,674	60,625	61,527	59,759	59,787
India	1,619	1,752	1,831	1,613	1,510	1,510
Iran	2,770	2,800	3,200	3,000	3,800	3,000
Iraq	500	944	1,000	1,050	1,100	1,100
Kazakhstan	1,500	2,539	2,412	2,675	2,700	3,231
Morocco	1,201	2,723	1,700	3,500	1,076	1,076
Russia	13,952	15,389	20,026	17,083	17,500	17,500
Turkey	5,500	7,300	4,000	7,400	4,750	4,750
Ukraine	6,935	7,561	9,450	8,751	9,800	9,900
Others	9,675	9,448	9,150	9,155	9,023	9,010
Subtotal	124,336	139,573	137,810	143,182	139,718	139,614
United States	4,768	4,719	3,953	4,750	4,339	4,339
World Total	129,104	144,292	141,763	147,932	144,057	143,953
Total Consumption						
Algeria	2,000	2,050	2,050	2,150	2,050	2,050
Australia	3,000	2,800	3,000	3,300	3,100	3,100
Belarus	2,000	1,800	2,000	1,850	2,100	2,100
Canada	6,811	7,718	6,471	6,968	7,165	7,165
China	4,000	6,300	11,600	7,900	7,100	7,100
Ethiopia	1,725	1,925	1,975	1,990	2,025	2,025
European Union	51,000	53,400	50,900	51,700	54,100	54,100
India	1,525	1,200	1,400	1,520	1,570	1,570
Iran	4,300	4,500	4,600	5,000	5,600	4,900
Kazakhstan	1,375	2,000	2,000	2,000	2,000	2,200
Morocco	1,900	2,300	2,700	3,450	2,800	2,800
Russia	12,100	12,700	14,100	13,600	13,700	13,700
Saudi Arabia	8,325	8,625	8,525	10,225	10,725	10,725
Turkey	6,200	6,950	5,350	6,900	5,500	5,500
Ukraine	5,100	5,000	4,700	4,700	4,900	4,900
Others	15,754	17,047	16,865	17,637	17,119	17,099
Subtotal	126,663	136,093	137,331	142,969	141,659	141,164
United States	4,638	4,775	4,235	4,406	4,528	4,528
World Total	131,301	140,868	141,566	147,375	146,187	145,692
Ending Stocks						
Algeria	1,217	1,178	1,304	1,290	1,140	1,140
Australia	536	693	1,120	1,013	1,513	1,513
Canada	983	1,950	1,217	1,443	1,453	1,453
European Union	5,044	5,621	5,887	5,220	5,052	5,357
Iran	1,418	618	1,418	1,118	1,418	818
Saudi Arabia	3,003	3,389	3,074	4,059	3,844	3,844
Ukraine	872	971	1,265	909	814	914
Others	5,615	7,651	7,063	7,341	5,524	5,587
Subtotal	18,688	22,071	22,348	22,393	20,758	20,626
United States	1,750	1,791	1,711	2,223	2,251	2,251
World Total	20,438	23,862	24,059	24,616	23,009	22,877

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Feb 2016/17
TY Imports						
North America	499	640	779	613	600	600
South America	1,064	886	1,169	1,157	980	980
European Union - 28	53	58	269	315	350	350
Other Europe	126	163	120	84	155	130
Former Soviet Union - 12	378	352	226	169	230	230
Middle East	13,906	12,537	12,480	14,415	14,555	14,555
North Africa	1,884	2,432	2,581	3,914	3,300	3,300
Sub-Saharan Africa	52	116	138	40	120	120
East Asia	3,668	6,320	11,080	7,136	6,225	6,225
South Asia	2	11	22	187	131	131
Oceania	8	46	32	7	25	25
Total	21,640	23,561	28,896	28,037	26,671	26,646
Production						
North America	13,812	15,550	11,918	13,728	13,874	13,874
South America	5,884	5,737	3,769	5,929	4,472	4,522
European Union - 28	54,875	59,674	60,625	61,527	59,759	59,787
Other Europe	1,188	1,187	1,286	1,299	1,307	1,307
Former Soviet Union - 12	25,958	29,162	35,565	32,230	34,000	34,631
Middle East	9,686	12,043	8,653	12,058	10,068	9,265
North Africa	3,631	4,739	3,975	5,375	2,684	2,684
Sub-Saharan Africa	2,283	2,357	2,446	2,482	2,560	2,605
East Asia	1,920	1,991	2,134	2,158	2,291	2,291
South Asia	1,956	2,261	2,340	2,116	2,042	2,042
Oceania	7,911	9,591	9,052	9,030	11,000	10,945
Total	129,104	144,292	141,763	147,932	144,057	143,953
Domestic Consumption						
North America	12,349	13,243	11,556	12,299	12,618	12,618
South America	3,152	3,528	3,398	3,768	3,713	3,713
European Union - 28	51,000	53,400	50,900	51,700	54,100	54,100
Other Europe	1,298	1,334	1,404	1,384	1,404	1,379
Former Soviet Union - 12	22,339	23,460	24,724	24,093	24,690	24,890
Middle East	22,435	24,410	22,277	25,870	25,566	24,866
North Africa	5,790	6,282	7,182	8,303	7,038	7,038
Sub-Saharan Africa	2,285	2,461	2,495	2,595	2,640	2,670
East Asia	5,812	8,009	13,162	9,481	8,660	8,660
South Asia	1,868	1,713	1,923	2,053	2,128	2,128
Oceania	3,425	3,250	3,450	3,750	3,525	3,500
Total	131,753	141,090	142,471	145,296	146,082	145,562
Ending Stocks						
North America	3,014	3,974	3,326	4,069	4,092	4,092
South America	657	816	716	958	847	897
European Union - 28	5,044	5,621	5,887	5,220	5,052	5,357
Other Europe	220	205	179	122	122	122
Former Soviet Union - 12	2,194	2,605	3,406	2,122	1,992	2,123
Middle East	5,733	5,781	5,508	6,749	6,281	5,678
North Africa	1,785	2,489	2,089	2,794	1,640	1,640
Sub-Saharan Africa	330	338	425	348	388	403
East Asia	736	1,038	1,090	903	759	759
South Asia	137	247	259	271	276	276
Oceania	588	748	1,174	1,060	1,560	1,530
Total	20,438	23,862	24,059	24,616	23,009	22,877

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Sorghum Trade
October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
TY Exports						
Argentina	3,059	953	954	772	850	850
Australia	1,430	410	1,700	1,000	400	400
Brazil	2	11	13	29	25	25
Ethiopia	75	75	75	25	25	25
India	231	88	121	85	50	50
Nigeria	50	50	100	50	100	100
Ukraine	124	229	156	120	150	150
Others	191	218	195	133	125	130
Subtotal	5,162	2,034	3,314	2,214	1,725	1,730
United States	2,136	5,714	9,269	7,895	6,300	5,800
World Total	7,298	7,748	12,583	10,109	8,025	7,530
TY Imports						
Bolivia	3	2	2	1	90	90
Chile	404	109	98	134	150	150
China	631	4,161	10,162	8,284	5,000	4,500
European Union	291	184	131	119	150	150
Japan	1,897	1,003	903	649	700	700
Kenya	102	94	117	105	100	100
Mexico	1,793	162	29	661	700	700
Pakistan	10	14	32	231	100	100
South Africa	44	61	86	100	100	100
Sudan	175	75	120	200	100	100
Others	1,266	876	415	482	445	445
Subtotal	6,616	6,741	12,095	10,966	7,635	7,135
Unaccounted	439	1,004	461	-955	365	370
United States	243	3	27	98	25	25
World Total	7,298	7,748	12,583	10,109	8,025	7,530

TY=Trade Year, see Endnotes.

World Sorghum Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
Production						
Argentina	4,700	4,400	3,500	3,375	3,600	3,600
Australia	2,230	1,282	2,209	2,037	1,500	1,500
Brazil	2,102	1,890	2,055	1,080	1,530	1,530
Burkina	1,924	1,880	1,708	1,436	1,900	1,900
Cameroon	1,100	1,150	1,150	1,150	1,150	1,150
Chad	1,172	745	897	835	900	900
China	2,556	2,892	2,885	2,750	3,300	3,300
Ethiopia	3,604	3,829	4,339	2,600	3,700	3,700
India	5,281	5,542	5,445	4,410	5,500	5,500
Mali	1,212	820	1,272	1,300	1,300	1,300
Mexico	6,174	8,500	6,270	5,587	6,500	5,500
Niger	1,376	1,320	1,426	1,917	1,300	1,300
Nigeria	5,943	6,592	6,700	6,150	6,500	6,500
South Sudan	650	720	990	900	900	900
Sudan	4,524	2,249	6,281	2,388	5,500	5,500
Others	6,615	7,064	7,305	6,991	6,835	6,950
Subtotal	51,163	50,875	54,432	44,906	51,915	51,030
United States	6,293	9,966	10,988	15,158	12,199	12,199
World Total	57,456	60,841	65,420	60,064	64,114	63,229
Total Consumption						
Argentina	2,300	2,700	2,800	2,900	2,950	2,950
Australia	1,080	905	505	1,105	1,105	1,105
Brazil	2,300	2,000	2,000	1,150	1,500	1,500
Burkina	1,850	1,900	1,700	1,465	1,800	1,800
Cameroon	1,110	1,165	1,175	1,175	1,175	1,175
Chad	1,150	850	900	865	900	900
China	3,200	6,800	12,900	11,000	8,700	8,200
Ethiopia	3,700	3,900	4,100	3,100	3,650	3,650
India	5,150	5,200	5,100	4,820	5,350	5,350
Mali	1,200	950	1,200	1,300	1,300	1,300
Mexico	8,100	8,300	6,600	6,300	7,200	6,200
Niger	1,200	1,300	1,450	1,820	1,450	1,450
Nigeria	5,900	6,550	6,650	6,050	6,400	6,400
South Sudan	650	790	1,050	950	960	960
Sudan	4,700	2,550	6,000	3,100	5,500	5,500
Others	10,077	8,570	8,766	8,448	8,235	8,360
Subtotal	52,472	55,507	62,770	55,141	58,640	57,135
United States	4,796	4,130	2,459	6,213	5,841	6,476
World Total	57,268	59,637	65,229	61,354	64,481	63,611
Ending Stocks						
Argentina	781	1,202	971	896	646	646
China	326	568	706	717	307	302
India	109	364	588	93	193	193
Mexico	285	647	338	286	349	286
Niger	225	270	271	393	268	268
Nigeria	208	200	150	200	200	200
Sudan	588	357	743	226	321	321
Others	1,837	1,476	1,904	1,108	1,303	1,288
Subtotal	4,359	5,084	5,671	3,919	3,587	3,504
United States	385	864	468	930	963	963
World Total	4,744	5,948	6,139	4,849	4,550	4,467

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Feb 2016/17
TY Imports						
North America	2,036	165	56	759	725	725
South America	1,071	240	114	237	325	325
European Union - 28	291	184	131	119	150	150
Other Europe	0	0	0	0	0	0
Middle East	194	232	23	33	20	20
North Africa	1	41	1	1	5	5
Sub-Saharan Africa	587	540	609	658	565	565
East Asia	2,650	5,281	11,142	9,011	5,755	5,255
Southeast Asia	18	46	14	15	15	15
Others	11	15	32	231	100	100
Total	6,859	6,744	12,122	11,064	7,660	7,160
Production						
North America	12,467	18,466	17,258	20,745	18,699	17,699
Central America	339	335	335	335	335	335
Caribbean	92	94	92	92	91	91
South America	7,495	7,081	6,404	5,297	5,877	5,877
European Union - 28	473	703	887	731	744	744
Middle East	667	634	691	650	635	750
North Africa	757	767	809	755	755	755
Sub-Saharan Africa	24,708	22,512	28,021	21,869	26,271	26,271
East Asia	2,560	2,895	2,887	2,752	3,302	3,302
South Asia	5,404	5,661	5,548	4,555	5,630	5,630
Southeast Asia	55	57	55	55	50	50
Oceania	2,230	1,282	2,209	2,037	1,500	1,500
Others	209	354	224	191	225	225
Total	57,456	60,841	65,420	60,064	64,114	63,229
Domestic Consumption						
North America	12,896	12,430	9,059	12,513	13,041	12,676
Central America	325	325	330	340	335	335
Caribbean	92	94	92	92	91	91
South America	6,076	5,757	5,785	5,052	5,482	5,482
European Union - 28	795	880	995	860	880	880
Middle East	877	755	845	695	650	775
North Africa	756	813	785	755	755	755
Sub-Saharan Africa	24,914	23,177	27,643	23,299	26,496	26,496
East Asia	5,221	7,951	13,911	11,734	9,460	8,960
South Asia	5,283	5,334	5,235	5,176	5,580	5,580
Southeast Asia	68	64	95	65	66	66
Oceania	1,080	905	505	1,105	1,105	1,105
Others	80	75	75	75	75	75
Total	58,463	58,560	65,355	61,761	64,016	63,276
Ending Stocks						
North America	670	1,511	806	1,216	1,312	1,249
Central America	30	33	38	28	23	23
South America	1,146	1,468	1,243	1,078	843	843
European Union - 28	5	18	27	13	22	22
Middle East	61	27	39	35	30	30
North Africa	27	22	47	48	53	53
Sub-Saharan Africa	2,073	1,630	2,300	1,352	1,512	1,497
East Asia	413	627	736	743	330	325
South Asia	109	364	588	93	193	193
Oceania	185	172	246	178	173	173
Others	25	76	69	65	59	59
Total	4,744	5,948	6,139	4,849	4,550	4,467

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Oats Trade
October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
TY Exports						
Argentina	2	2	2	4	5	5
Australia	240	270	270	225	300	300
Canada	1,351	1,732	1,729	1,666	1,500	1,600
Chile	41	49	84	75	75	75
European Union	126	291	231	220	200	200
Russia	4	6	14	16	10	10
Ukraine	2	6	46	48	50	50
Others	10	14	8	9	10	10
Subtotal	1,776	2,370	2,384	2,263	2,150	2,250
United States	18	29	29	35	30	30
World Total	1,794	2,399	2,413	2,298	2,180	2,280
TY Imports						
Albania	0	0	3	0	5	5
Algeria	7	12	24	31	25	25
Bosnia and Herzegovina	2	3	4	4	5	5
Canada	9	27	12	10	15	15
China	87	116	162	172	200	200
Colombia	1	2	2	1	5	5
Ecuador	19	21	21	38	20	40
European Union	4	3	4	9	5	5
Japan	51	46	47	50	50	50
Mexico	108	93	86	100	100	100
Norway	36	38	4	7	10	10
Serbia	2	2	2	1	5	5
South Africa	11	19	46	31	50	50
Switzerland	44	51	49	42	50	50
Turkey	0	0	4	0	5	5
Others	6	8	8	10	5	5
Subtotal	387	441	478	506	555	575
Unaccounted	52	92	168	254	125	125
United States	1,355	1,866	1,767	1,538	1,500	1,580
World Total	1,794	2,399	2,413	2,298	2,180	2,280

TY=Trade Year, see Endnotes.

World Oats Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
Production						
Algeria	110	110	110	110	110	110
Argentina	496	445	525	553	500	500
Australia	1,121	1,255	1,198	1,308	1,800	1,800
Belarus	422	352	522	492	400	400
Brazil	361	380	351	783	650	650
Canada	2,830	3,906	2,979	3,428	3,000	3,000
Chile	680	610	421	533	600	600
China	600	580	600	600	600	600
European Union	7,909	8,380	7,832	7,501	7,807	7,803
Kazakhstan	200	305	226	244	275	335
Mexico	84	91	93	87	90	90
Norway	232	214	236	236	240	240
Russia	4,027	4,932	5,267	4,527	4,750	4,750
Turkey	210	210	210	210	210	210
Ukraine	630	467	610	498	500	500
Others	315	319	298	326	334	341
Subtotal	20,227	22,556	21,478	21,436	21,866	21,929
United States	892	938	1,019	1,300	940	940
World Total	21,119	23,494	22,497	22,736	22,806	22,869
Total Consumption						
Algeria	119	118	126	137	135	135
Argentina	500	425	525	550	500	500
Australia	925	950	950	1,025	1,350	1,350
Belarus	400	375	500	500	400	400
Brazil	350	375	345	765	645	645
Canada	1,592	1,660	1,681	1,616	1,650	1,650
Chile	600	570	355	425	525	525
China	675	700	750	795	850	850
European Union	7,700	8,075	7,730	6,900	7,700	7,700
Kazakhstan	225	275	225	245	270	300
Mexico	195	185	175	190	190	190
Norway	295	245	245	245	250	250
Russia	4,300	4,900	5,200	4,600	4,650	4,650
Turkey	215	215	215	210	215	215
Ukraine	600	475	600	450	450	450
Others	451	492	473	488	524	549
Subtotal	19,217	20,255	20,092	19,365	20,377	20,426
United States	2,743	2,757	2,447	2,702	2,610	2,696
World Total	21,960	23,012	22,539	22,067	22,987	23,122
Ending Stocks						
Argentina	49	67	65	65	60	60
Australia	60	105	93	151	301	301
Canada	446	1,054	673	928	793	693
Chile	61	45	27	60	60	60
China	139	135	147	124	74	74
European Union	901	894	781	1,178	512	1,086
Russia	203	230	289	199	289	289
Others	222	201	193	188	193	225
Subtotal	2,081	2,731	2,268	2,893	2,282	2,788
United States	527	359	780	824	676	676
World Total	2,608	3,090	3,048	3,717	2,958	3,464

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Feb 2016/17
TY Imports						
North America	1,472	1,986	1,865	1,648	1,615	1,695
South America	26	29	30	45	30	50
European Union - 28	4	3	4	9	5	5
Other Europe	84	94	62	54	75	75
Former Soviet Union - 12	0	2	1	4	0	0
Middle East	0	0	4	0	5	5
North Africa	7	12	24	31	25	25
Sub-Saharan Africa	11	19	46	31	50	50
East Asia	138	162	209	222	250	250
Oceania	0	0	0	0	0	0
Total	1,742	2,307	2,245	2,044	2,055	2,155
Production						
North America	3,806	4,935	4,091	4,815	4,030	4,030
South America	1,577	1,478	1,325	1,910	1,792	1,792
European Union - 28	7,909	8,380	7,832	7,501	7,807	7,803
Other Europe	365	349	371	374	375	375
Former Soviet Union - 12	5,285	6,062	6,631	5,767	5,931	5,991
Middle East	210	210	210	210	210	210
North Africa	166	156	147	166	175	175
Sub-Saharan Africa	60	59	55	55	55	55
East Asia	602	582	602	601	601	601
Oceania	1,139	1,283	1,233	1,337	1,830	1,837
Total	21,119	23,494	22,497	22,736	22,806	22,869
Domestic Consumption						
North America	4,530	4,602	4,303	4,508	4,450	4,536
South America	1,515	1,447	1,285	1,805	1,742	1,762
European Union - 28	7,700	8,075	7,730	6,900	7,700	7,700
Other Europe	474	435	436	439	446	446
Former Soviet Union - 12	5,531	6,031	6,531	5,801	5,776	5,806
Middle East	215	215	215	210	215	215
North Africa	175	164	163	193	200	200
Sub-Saharan Africa	72	95	94	88	105	105
East Asia	730	750	800	845	900	900
Oceania	943	978	985	1,054	1,380	1,385
Total	21,885	22,792	22,542	21,843	22,914	23,055
Ending Stocks						
North America	974	1,417	1,459	1,758	1,475	1,375
South America	128	129	106	155	150	150
European Union - 28	901	894	781	1,178	512	1,086
Other Europe	27	41	38	27	31	31
Former Soviet Union - 12	332	346	397	298	388	418
Middle East	13	8	6	6	6	6
North Africa	1	1	1	1	1	1
Sub-Saharan Africa	28	11	18	16	16	16
East Asia	144	138	149	127	78	78
Oceania	60	105	93	151	301	303
Total	2,608	3,090	3,048	3,717	2,958	3,464

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Rye Trade
October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
TY Exports						
Belarus	0	0	0	24	20	20
Canada	178	97	89	111	150	150
European Union	122	201	167	160	125	125
Russia	79	83	121	23	25	25
Ukraine	16	59	13	21	10	10
Others	1	1	1	0	0	0
Subtotal	396	441	391	339	330	330
United States	7	6	3	6	5	5
World Total	403	447	394	345	335	335
TY Imports						
European Union	68	96	96	50	50	50
Israel	34	33	18	15	25	25
Japan	27	37	22	16	20	20
Korea, South	12	8	4	5	5	5
Norway	18	21	6	2	10	10
Russia	25	5	5	5	5	5
Switzerland	9	6	6	3	5	5
Others	4	1	6	16	0	0
Subtotal	197	207	163	112	120	120
Unaccounted	-15	36	-31	16	15	15
United States	221	204	262	217	200	200
World Total	403	447	394	345	335	335

TY=Trade Year, see Endnotes.

World Rye Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Jan	2016/17 Feb
Production						
Argentina	40	52	97	61	70	70
Belarus	1,082	648	867	753	800	800
Canada	337	223	218	226	410	410
European Union	8,763	10,151	8,869	7,831	8,095	8,094
Russia	2,132	3,360	3,279	2,084	2,540	2,540
Turkey	370	365	300	350	350	350
Ukraine	676	638	475	394	375	390
Others	146	128	148	122	137	133
Subtotal	13,546	15,565	14,253	11,821	12,777	12,787
United States	166	194	183	295	342	342
World Total	13,712	15,759	14,436	12,116	13,119	13,129
Total Consumption						
Argentina	40	52	97	61	70	70
Australia	40	19	19	22	25	25
Belarus	1,000	700	850	800	800	800
Canada	127	107	134	118	160	160
European Union	8,700	9,650	8,600	8,100	8,400	8,400
Israel	34	33	18	15	25	25
Kazakhstan	50	40	65	37	45	40
Russia	2,000	3,100	3,250	2,175	2,250	2,250
Turkey	375	350	325	350	350	350
Ukraine	625	625	475	420	370	380
Others	122	142	108	89	108	108
Subtotal	13,121	14,813	13,946	12,206	12,589	12,594
United States	387	424	406	515	554	554
World Total	13,508	15,237	14,352	12,721	13,143	13,148
Ending Stocks						
Belarus	201	149	166	99	79	79
Canada	46	44	42	52	152	152
European Union	795	1,204	1,391	1,012	640	631
Kazakhstan	3	8	4	4	4	5
Russia	153	344	264	130	400	400
Turkey	18	33	14	14	14	14
Ukraine	166	128	106	75	70	75
Others	7	4	3	2	1	1
Subtotal	1,389	1,914	1,990	1,388	1,360	1,357
United States	10	7	15	12	24	24
World Total	1,399	1,921	2,005	1,400	1,384	1,381

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Jan 2016/17	Feb 2016/17
TY Imports						
North America	221	204	262	217	200	200
South America	0	0	0	0	0	0
European Union - 28	68	96	96	50	50	50
Other Europe	29	28	12	5	15	15
Former Soviet Union - 12	27	5	5	21	5	5
Middle East	34	33	24	15	25	25
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	39	45	26	21	25	25
Oceania	0	0	0	0	0	0
Total	418	411	425	329	320	320
Production						
North America	503	417	401	521	752	752
South America	47	59	105	69	82	82
European Union - 28	8,763	10,151	8,869	7,831	8,095	8,094
Other Europe	46	55	56	52	52	52
Former Soviet Union - 12	3,940	4,689	4,682	3,268	3,760	3,771
Middle East	370	365	300	350	350	350
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	40	20	20	22	25	25
Total	13,712	15,759	14,436	12,116	13,119	13,129
Domestic Consumption						
North America	514	531	540	633	714	714
South America	47	59	105	69	82	82
European Union - 28	8,700	9,650	8,600	8,100	8,400	8,400
Other Europe	76	84	70	56	67	67
Former Soviet Union - 12	3,675	4,465	4,640	3,432	3,465	3,470
Middle East	409	383	343	365	375	375
Sub-Saharan Africa	2	3	3	3	3	3
East Asia	37	48	27	22	26	26
Oceania	40	19	19	22	25	25
Total	13,500	15,242	14,347	12,702	13,157	13,162
Ending Stocks						
North America	56	51	57	64	176	176
South America	0	0	0	0	0	0
European Union - 28	795	1,204	1,391	1,012	640	631
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	523	629	540	308	553	559
Middle East	18	33	14	14	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	7	4	3	2	1	1
Oceania	0	0	0	0	0	0
Total	1,399	1,921	2,005	1,400	1,384	1,381

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.



HISTORICAL DATA SERIES FOR SELECTED REGIONS AND COUNTRIES

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European Union: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat								
2005/06	26.0	5.1	132.9	6.8	15.7	63.0	128.2	24.1
2006/07	24.7	5.1	125.7	5.2	13.9	60.2	126.2	14.8
2007/08	24.9	4.9	120.8	6.8	12.4	52.4	117.2	12.8
2008/09	26.8	5.7	151.9	7.7	25.4	60.5	127.6	19.4
2009/10	26.0	5.4	139.7	5.4	22.3	57.5	125.6	16.6
2010/11	26.0	5.3	136.7	4.6	23.1	52.5	122.8	11.9
2011/12	25.8	5.3	138.2	7.4	16.7	57.5	127.2	13.5
2012/13	26.0	5.2	133.9	5.3	22.8	51.0	119.3	10.7
2013/14	25.9	5.6	144.6	4.0	32.0	49.0	117.3	9.9
2014/15	26.7	5.9	156.9	6.0	35.4	55.0	124.7	12.7
2015/16	26.8	6.0	160.0	6.9	34.7	61.0	131.0	14.0
2016/17	27.1	5.3	144.9	6.0	25.5	58.5	129.2	10.1
Coarse Grains								
2005/06	33.2	4.5	149.7	2.7	4.3	112.4	150.9	22.8
2006/07	32.4	4.3	140.3	8.1	4.5	112.9	150.9	15.7
2007/08	32.7	4.2	138.8	20.3	4.5	121.6	157.2	13.1
2008/09	34.1	4.8	165.2	3.1	5.7	116.1	154.5	21.3
2009/10	33.0	4.8	158.0	2.9	3.0	114.8	152.8	26.3
2010/11	30.2	4.7	143.2	8.5	6.2	116.9	155.0	16.9
2011/12	30.2	5.0	150.1	7.0	6.5	113.2	151.7	15.7
2012/13	31.4	4.6	146.2	11.8	7.4	113.7	153.3	13.1
2013/14	31.5	5.1	159.2	16.3	8.6	122.4	164.4	15.6
2014/15	30.8	5.5	170.7	9.2	14.0	121.4	162.6	18.9
2015/16	30.3	5.0	151.7	14.2	13.1	116.0	156.9	14.9
2016/17	30.1	5.1	152.0	13.7	8.2	119.2	159.9	12.4
Wheat and Coarse Grains								
2005/06	59.2	4.8	282.5	9.4	20.0	175.4	279.1	46.9
2006/07	57.1	4.7	265.9	13.2	18.5	173.1	277.1	30.5
2007/08	57.5	4.5	259.6	27.1	16.9	174.1	274.3	25.9
2008/09	60.9	5.2	317.2	10.8	31.1	176.6	282.1	40.7
2009/10	59.0	5.0	297.7	8.2	25.3	172.3	278.4	42.9
2010/11	56.3	5.0	279.9	13.1	29.3	169.4	277.8	28.8
2011/12	56.1	5.1	288.3	14.3	23.3	170.7	278.9	29.3
2012/13	57.4	4.9	280.1	17.1	30.2	164.7	272.6	23.8
2013/14	57.4	5.3	303.8	20.3	40.7	171.4	281.7	25.5
2014/15	57.5	5.7	327.6	15.2	49.4	176.4	287.2	31.7
2015/16	57.1	5.5	311.7	21.2	47.8	177.0	287.9	28.9
2016/17	57.2	5.2	296.9	19.7	33.7	177.7	289.1	22.6

China: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat								
2005/06	22.8	4.3	97.4	1.1	1.4	3.5	101.5	34.5
2006/07	23.6	4.6	108.5	0.4	2.8	4.0	102.0	38.6
2007/08	23.7	4.6	109.3	0.0	2.8	8.0	106.0	39.1
2008/09	23.6	4.8	112.5	0.5	0.7	8.0	105.5	45.8
2009/10	24.3	4.7	115.1	1.4	0.9	10.0	107.0	54.4
2010/11	24.3	4.7	115.2	0.9	0.9	13.0	110.5	59.1
2011/12	24.3	4.8	117.4	2.9	1.0	24.0	122.5	55.9
2012/13	24.3	5.0	121.0	3.0	1.0	25.0	125.0	54.0
2013/14	24.1	5.1	121.9	6.8	0.9	16.0	116.5	65.3
2014/15	24.1	5.2	126.2	1.9	0.8	16.0	116.5	76.1
2015/16	24.1	5.4	130.2	3.5	0.7	10.5	112.0	97.0
2016/17	24.2	5.3	128.9	4.0	0.8	16.0	118.0	111.1
Coarse Grains								
2005/06	28.8	5.1	147.8	2.3	3.8	103.5	147.1	36.9
2006/07	31.1	5.1	159.0	1.2	5.5	105.0	153.5	38.0
2007/08	31.9	5.0	159.2	1.2	0.9	106.7	157.9	39.5
2008/09	32.2	5.4	172.4	1.7	0.2	109.1	161.2	52.2
2009/10	33.4	5.1	169.8	3.8	0.2	119.1	173.3	52.3
2010/11	34.6	5.3	183.8	2.7	0.2	128.8	188.4	50.1
2011/12	35.5	5.6	198.6	7.9	0.1	132.0	196.2	60.4
2012/13	37.1	5.7	212.2	5.6	0.1	146.1	209.7	68.4
2013/14	38.3	5.9	225.4	12.4	0.0	157.8	223.5	82.7
2014/15	39.2	5.7	222.8	25.7	0.0	158.8	229.1	102.0
2015/16	40.2	5.8	231.8	17.5	0.0	166.9	239.2	112.2
2016/17	38.9	5.8	227.4	12.7	0.0	170.5	249.1	103.1
Wheat and Coarse Grains								
2005/06	51.6	4.8	245.3	3.4	5.2	107.0	248.6	71.4
2006/07	54.7	4.9	267.4	1.5	8.2	109.0	255.5	76.6
2007/08	55.6	4.8	268.5	1.2	3.7	114.7	263.9	78.6
2008/09	55.8	5.1	284.9	2.1	0.9	117.1	266.7	98.0
2009/10	57.6	4.9	284.9	5.2	1.1	129.1	280.3	106.7
2010/11	58.9	5.1	299.0	3.6	1.1	141.8	298.9	109.2
2011/12	59.8	5.3	316.0	10.9	1.1	156.0	318.7	116.3
2012/13	61.3	5.4	333.2	8.6	1.1	171.1	334.7	122.3
2013/14	62.4	5.6	347.3	19.2	0.9	173.8	340.0	147.9
2014/15	63.3	5.5	349.0	27.6	0.8	174.8	345.6	178.1
2015/16	64.3	5.6	362.0	21.0	0.8	177.4	351.2	209.2
2016/17	63.1	5.6	356.2	16.7	0.8	186.5	367.1	214.2

Other Europe: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat								
2005/06	1.0	3.8	3.8	1.4	0.2	0.9	5.1	1.1
2006/07	1.0	3.6	3.5	1.5	0.3	0.7	4.6	1.2
2007/08	1.0	3.8	3.7	1.9	0.5	1.0	4.8	1.5
2008/09	0.9	4.4	4.0	1.7	0.4	1.2	5.1	1.7
2009/10	1.0	3.9	3.8	1.7	0.5	1.0	4.9	1.7
2010/11	0.9	3.7	3.2	1.7	0.6	0.8	4.7	1.3
2011/12	0.9	4.2	3.6	1.9	0.5	1.0	4.9	1.4
2012/13	0.9	4.0	3.4	1.6	0.7	1.0	4.7	1.1
2013/14	0.9	4.5	4.1	1.9	1.3	1.1	4.8	0.9
2014/15	1.0	4.0	3.9	1.8	0.7	1.1	4.9	1.1
2015/16	0.9	4.5	4.0	1.8	1.0	1.2	4.9	1.1
2016/17	1.0	4.7	4.6	1.8	1.4	1.4	5.1	1.0
Coarse Grains								
2005/06	2.1	4.8	10.1	0.6	1.3	8.5	9.7	1.3
2006/07	2.0	4.9	9.8	0.8	0.9	8.5	9.6	1.3
2007/08	2.0	3.4	6.9	0.9	0.1	6.8	7.9	1.1
2008/09	2.1	4.6	9.7	0.6	1.5	7.6	8.7	1.1
2009/10	2.0	4.9	9.7	0.7	1.4	7.5	8.7	1.4
2010/11	2.0	5.0	10.0	0.7	2.0	7.3	8.7	1.4
2011/12	2.0	4.6	9.5	0.8	2.3	7.0	8.4	1.0
2012/13	2.1	3.2	6.6	0.7	0.6	5.9	7.1	0.6
2013/14	2.0	4.5	8.9	0.9	1.9	6.4	7.8	0.8
2014/15	1.9	5.8	10.7	0.8	3.1	6.8	8.1	1.1
2015/16	1.8	4.9	9.0	0.8	1.6	7.0	8.4	0.9
2016/17	1.9	5.6	10.5	0.9	2.6	7.1	8.5	1.2
Wheat and Coarse Grains								
2005/06	3.1	4.5	13.9	2.0	1.4	9.4	14.8	2.4
2006/07	3.0	4.5	13.3	2.3	1.2	9.2	14.2	2.5
2007/08	3.0	3.5	10.6	2.7	0.6	7.8	12.6	2.6
2008/09	3.0	4.6	13.7	2.3	1.9	8.8	13.8	2.8
2009/10	3.0	4.5	13.5	2.4	1.9	8.5	13.7	3.2
2010/11	2.9	4.6	13.2	2.4	2.6	8.1	13.4	2.7
2011/12	2.9	4.5	13.1	2.7	2.8	8.1	13.3	2.5
2012/13	2.9	3.4	10.0	2.4	1.3	7.0	11.8	1.7
2013/14	2.9	4.5	13.0	2.7	3.1	7.5	12.6	1.7
2014/15	2.8	5.2	14.7	2.5	3.7	7.9	13.0	2.2
2015/16	2.7	4.8	13.0	2.6	2.5	8.2	13.2	2.0
2016/17	2.8	5.3	15.1	2.7	3.9	8.5	13.6	2.2

Former Soviet Union: Grain Supply and Demand
Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat								
2010/11	45.8	1.8	81.0	5.6	13.8	24.4	75.6	23.3
2011/12	49.7	2.3	115.0	8.0	39.7	28.4	80.0	26.6
2012/13	44.0	1.8	77.8	7.2	25.4	21.6	71.7	14.5
2013/14	47.7	2.2	103.9	7.5	37.3	22.7	72.8	15.8
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.4	20.7
2015/16	49.1	2.4	118.2	7.4	51.5	26.9	78.2	16.6
2016/17	50.6	2.6	130.2	7.5	53.4	27.9	79.3	21.7
Coarse Grains								
2010/11	21.9	2.2	47.5	1.1	8.6	28.3	41.9	5.5
2011/12	27.0	2.9	78.6	1.0	24.6	38.5	54.4	6.1
2012/13	27.5	2.5	68.2	0.7	19.8	35.5	50.2	5.0
2013/14	29.4	3.0	87.8	0.8	30.8	40.0	55.7	7.0
2014/15	30.2	3.0	91.6	0.8	33.9	42.1	58.1	7.4
2015/16	27.9	2.9	82.1	0.5	31.3	39.5	54.6	4.2
2016/17	28.2	3.3	93.1	0.7	34.6	41.7	57.1	6.3

Former Soviet Union: Grain Supply and Demand (Wheat)

Millions of Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2013/14	13.0	1.1	13.9	0.0	8.1	2.0	6.8	2.0
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.2
2015/16	11.6	1.2	13.7	0.1	7.6	2.1	6.9	2.6
2016/17	12.4	1.2	15.0	0.1	7.5	2.1	6.9	3.2
Russia								
2013/14	23.4	2.2	52.1	0.9	18.6	12.5	34.1	5.2
2014/15	23.6	2.5	59.1	0.3	22.8	13.0	35.5	6.3
2015/16	25.6	2.4	61.0	0.8	25.5	14.0	37.0	5.6
2016/17	27.1	2.7	72.5	0.5	28.5	16.0	39.0	11.1
Ukraine								
2013/14	6.6	3.4	22.3	0.1	9.8	3.4	11.5	3.7
2014/15	6.3	3.9	24.8	0.0	11.3	4.0	11.5	5.7
2015/16	7.1	3.8	27.3	0.0	17.4	5.2	12.3	3.2
2016/17	6.5	4.2	26.8	0.0	16.5	4.4	11.3	2.3
Uzbekistan								
2013/14	1.4	4.9	6.8	2.2	0.3	1.9	8.4	1.9
2014/15	1.4	5.1	7.2	2.2	0.2	2.2	8.9	2.2
2015/16	1.4	5.1	7.2	2.7	0.2	2.3	9.4	2.5
2016/17	1.4	5.1	7.2	2.7	0.2	2.4	9.7	2.5
Other Former Soviet Union - 12								
2013/14	3.4	2.6	8.8	4.3	0.5	2.9	12.0	3.1
2014/15	3.4	2.6	8.8	4.5	0.4	3.5	12.7	3.3
2015/16	3.4	2.6	9.0	3.8	0.7	3.4	12.6	2.7
2016/17	3.3	2.6	8.7	4.2	0.7	3.0	12.4	2.6
Total Former Soviet Union - 12								
2013/14	47.7	2.2	103.9	7.5	37.3	22.7	72.8	15.8
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.4	20.7
2015/16	49.1	2.4	118.2	7.4	51.5	26.9	78.2	16.6
2016/17	50.6	2.6	130.2	7.5	53.4	27.9	79.3	21.7

Former Soviet Union: Grain Supply and Demand (Barley)

Millions of Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2013/14	1.8	1.4	2.5	0.0	0.4	1.7	2.0	0.3
2014/15	1.9	1.3	2.4	0.0	0.5	1.7	2.0	0.2
2015/16	2.0	1.3	2.7	0.0	0.8	1.7	2.0	0.1
2016/17	1.9	1.7	3.2	0.0	1.0	1.9	2.2	0.2
Russia								
2013/14	8.0	1.9	15.4	0.2	2.7	8.3	12.7	0.9
2014/15	8.8	2.3	20.0	0.0	5.3	9.2	14.1	1.5
2015/16	8.0	2.1	17.1	0.1	4.2	8.9	13.6	0.8
2016/17	8.0	2.2	17.5	0.1	3.9	9.0	13.7	0.8
Ukraine								
2013/14	3.2	2.3	7.6	0.0	2.5	3.5	5.0	1.0
2014/15	3.2	3.0	9.5	0.0	4.5	3.2	4.7	1.3
2015/16	3.0	2.9	8.8	0.0	4.4	3.2	4.7	0.9
2016/17	3.1	3.2	9.9	0.0	5.0	3.4	4.9	0.9
Uzbekistan								
2013/14	0.1	3.2	0.2	0.0	0.0	0.2	0.3	0.0
2014/15	0.1	3.2	0.2	0.1	0.0	0.2	0.3	0.0
2015/16	0.1	3.2	0.2	0.0	0.0	0.2	0.3	0.0
2016/17	0.1	3.2	0.2	0.1	0.0	0.3	0.3	0.0
Other Former Soviet Union - 12								
2013/14	1.3	2.6	3.4	0.1	0.0	2.7	3.5	0.4
2014/15	1.3	2.7	3.4	0.2	0.1	2.8	3.6	0.3
2015/16	1.2	2.8	3.5	0.0	0.1	2.7	3.5	0.2
2016/17	1.4	2.7	3.8	0.1	0.1	2.9	3.8	0.2
Total Former Soviet Union - 12								
2013/14	14.5	2.0	29.2	0.3	5.6	16.4	23.5	2.6
2014/15	15.3	2.3	35.6	0.3	10.3	17.1	24.7	3.4
2015/16	14.4	2.2	32.2	0.1	9.6	16.7	24.1	2.1
2016/17	14.4	2.4	34.6	0.2	10.0	17.5	24.9	2.1

Former Soviet Union: Grain Supply and Demand (Corn)

Millions of Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2013/14	0.1	5.3	0.6	0.0	0.0	0.5	0.6	0.0
2014/15	0.1	5.3	0.7	0.0	0.0	0.5	0.6	0.1
2015/16	0.1	5.3	0.7	0.0	0.0	0.6	0.7	0.2
2016/17	0.1	5.6	0.8	0.0	0.1	0.6	0.7	0.2
Russia								
2013/14	2.3	5.0	11.6	0.1	4.2	6.6	7.5	0.3
2014/15	2.6	4.4	11.3	0.0	3.2	7.2	8.1	0.3
2015/16	2.7	4.9	13.2	0.0	4.7	7.8	8.7	0.2
2016/17	2.8	5.5	15.5	0.1	5.3	8.7	9.6	0.8
Ukraine								
2013/14	4.8	6.4	30.9	0.1	20.0	8.3	9.7	2.4
2014/15	4.6	6.2	28.5	0.0	19.7	8.0	9.4	1.8
2015/16	4.1	5.7	23.3	0.0	16.6	6.7	8.0	0.6
2016/17	4.3	6.6	28.0	0.1	18.7	7.0	8.4	1.5
Uzbekistan								
2013/14	0.0	3.4	0.1	0.0	0.0	0.1	0.1	0.0
2014/15	0.0	3.4	0.1	0.0	0.0	0.1	0.2	0.0
2015/16	0.0	3.4	0.1	0.0	0.0	0.1	0.2	0.0
2016/17	0.0	3.4	0.1	0.0	0.0	0.1	0.1	0.0
Other Former Soviet Union - 12								
2013/14	1.0	3.8	3.7	0.3	0.6	2.9	3.2	0.6
2014/15	0.9	3.7	3.2	0.4	0.3	2.9	3.2	0.8
2015/16	0.8	2.9	2.5	0.3	0.1	2.6	2.9	0.5
2016/17	0.9	3.7	3.2	0.3	0.3	2.8	3.1	0.6
Total Former Soviet Union - 12								
2013/14	8.3	5.7	46.9	0.4	24.8	18.4	21.1	3.4
2014/15	8.3	5.3	43.8	0.5	23.2	18.8	21.5	3.0
2015/16	7.8	5.1	39.8	0.4	21.4	17.8	20.4	1.4
2016/17	8.1	5.9	47.6	0.4	24.4	19.2	22.0	3.1

Wheat Supply and Disappearance: Selected Exporters
Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Wheat Competitors								
Argentina								
2012/13	3.6	2.6	9.3	0.0	3.6	0.3	6.2	0.3
2013/14	3.5	3.0	10.5	0.0	2.3	0.1	6.1	2.5
2014/15	5.0	2.8	13.9	0.0	5.3	0.3	6.4	4.8
2015/16	3.9	2.9	11.3	0.0	9.6	0.2	5.9	0.6
2016/17	4.9	3.1	15.0	0.0	8.9	0.1	6.3	0.4
Australia								
2012/13	13.0	1.8	22.9	0.1	18.6	3.4	6.7	4.7
2013/14	12.6	2.0	25.3	0.2	18.6	3.6	7.0	4.6
2014/15	12.4	1.9	23.7	0.2	16.6	3.8	7.2	4.7
2015/16	12.8	1.9	24.5	0.2	16.1	3.8	7.2	6.0
2016/17	13.0	2.5	33.0	0.2	24.5	4.5	8.0	6.7
Canada								
2012/13	9.5	2.9	27.2	0.5	19.0	4.3	9.6	5.1
2013/14	10.4	3.6	37.5	0.4	23.3	4.2	9.4	10.4
2014/15	9.5	3.1	29.4	0.5	24.2	3.7	9.1	7.1
2015/16	9.6	2.9	27.6	0.5	22.1	2.7	7.9	5.2
2016/17	8.9	3.6	31.7	0.5	21.0	5.0	10.2	6.2
European Union								
2012/13	26.0	5.2	133.9	5.3	22.8	51.0	119.3	10.7
2013/14	25.9	5.6	144.6	4.0	32.0	49.0	117.3	9.9
2014/15	26.7	5.9	156.9	6.0	35.4	55.0	124.7	12.7
2015/16	26.8	6.0	160.0	6.9	34.7	61.0	131.0	14.0
2016/17	27.1	5.3	144.9	6.0	25.5	58.5	129.2	10.1
Kazakhstan								
2012/13	12.4	0.8	9.8	0.0	6.3	2.0	6.8	2.9
2013/14	13.0	1.1	13.9	0.0	8.1	2.0	6.8	2.0
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.2
2015/16	11.6	1.2	13.7	0.1	7.6	2.1	6.9	2.6
2016/17	12.4	1.2	15.0	0.1	7.5	2.1	6.9	3.2
Russia								
2012/13	21.3	1.8	37.7	1.2	11.3	11.9	33.6	4.9
2013/14	23.4	2.2	52.1	0.9	18.6	12.5	34.1	5.2
2014/15	23.6	2.5	59.1	0.3	22.8	13.0	35.5	6.3
2015/16	25.6	2.4	61.0	0.8	25.5	14.0	37.0	5.6
2016/17	27.1	2.7	72.5	0.5	28.5	16.0	39.0	11.1

Wheat Supply and Disappearance: Selected Exporters (Continued)

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Ukraine								
2012/13	5.6	2.8	15.8	0.0	7.2	3.1	11.4	2.6
2013/14	6.6	3.4	22.3	0.1	9.8	3.4	11.5	3.7
2014/15	6.3	3.9	24.8	0.0	11.3	4.0	11.5	5.7
2015/16	7.1	3.8	27.3	0.0	17.4	5.2	12.3	3.2
2016/17	6.5	4.2	26.8	0.0	16.5	4.4	11.3	2.3
Total Wheat Competitors								
2012/13	91.4	2.8	256.6	7.1	88.7	76.0	193.5	31.2
2013/14	95.4	3.2	306.2	5.5	112.6	74.8	192.1	38.2
2014/15	95.4	3.4	320.8	7.6	121.1	81.8	201.1	44.5
2015/16	97.4	3.3	325.5	8.5	133.1	89.0	208.2	37.2
2016/17	99.8	3.4	338.8	7.2	132.4	90.6	210.9	40.0

Corn Supply and Disappearance: Selected Exporters
Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Argentina								
2008/09	2.5	6.2	15.5	0.0	10.3	4.5	6.4	0.9
2009/10	3.0	8.3	25.0	0.0	16.5	5.0	6.9	2.5
2010/11	3.8	6.7	25.2	0.0	16.3	5.3	7.3	4.0
2011/12	3.6	5.8	21.0	0.0	17.1	4.8	7.0	0.9
2012/13	4.0	6.8	27.0	0.0	18.7	5.3	7.9	1.3
2013/14	3.4	7.6	26.0	0.0	17.1	5.8	8.8	1.4
2014/15	3.5	8.5	29.8	0.0	19.0	6.0	9.3	2.9
2015/16	3.5	8.3	29.0	0.0	21.7	5.9	9.2	1.1
2016/17	4.5	8.1	36.5	0.0	25.0	6.8	10.5	2.1
Brazil								
2008/09	14.1	3.6	51.0	1.1	7.1	38.5	45.5	10.1
2009/10	12.9	4.3	56.1	0.4	11.6	41.5	48.5	6.5
2010/11	13.8	4.2	57.4	0.8	8.4	43.0	50.0	6.3
2011/12	15.2	4.8	73.0	0.8	24.3	44.0	51.5	4.2
2012/13	15.8	5.2	81.5	0.9	24.9	44.5	52.5	9.2
2013/14	15.8	5.1	80.0	0.8	21.0	46.0	55.0	14.0
2014/15	15.8	5.4	85.0	0.3	34.5	48.0	57.0	7.8
2015/16	16.0	4.2	67.0	3.0	15.0	48.5	57.0	5.8
2016/17	16.7	5.2	86.5	0.6	28.0	49.5	58.5	6.4
China								
2008/09	29.9	5.6	165.9	0.0	0.2	108.0	153.0	51.2
2009/10	31.2	5.3	164.0	1.3	0.2	118.0	165.0	51.3
2010/11	32.5	5.5	177.2	1.0	0.1	128.0	180.0	49.4
2011/12	33.5	5.7	192.8	5.2	0.1	131.0	188.0	59.3
2012/13	35.0	5.9	205.6	2.7	0.1	144.0	200.0	67.6
2013/14	36.3	6.0	218.5	3.3	0.0	150.0	208.0	81.3
2014/15	37.1	5.8	215.6	5.5	0.0	140.0	202.0	100.5
2015/16	38.1	5.9	224.6	3.2	0.0	153.5	217.5	110.8
2016/17	36.8	6.0	219.6	3.0	0.0	161.0	231.0	102.3
South Africa								
2008/09	2.9	4.3	12.6	0.0	1.7	4.7	10.3	2.0
2009/10	3.3	4.1	13.4	0.0	2.1	4.9	10.6	2.8
2010/11	2.9	3.8	10.9	0.4	2.4	5.0	10.7	1.0
2011/12	3.1	4.1	12.8	0.0	1.8	5.0	10.7	1.3
2012/13	3.2	3.8	12.4	0.1	2.1	5.1	11.0	0.7
2013/14	3.1	4.9	14.9	0.1	2.0	5.5	11.5	2.2

Corn Supply and Disappearance: Selected Exporters (Continued)

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
2014/15	3.0	3.5	10.6	2.0	0.7	6.2	11.7	2.4
2015/16	2.2	3.6	7.9	3.0	0.8	5.7	11.2	1.3
2016/17	3.1	4.2	13.0	0.5	1.5	5.6	11.3	2.0
Total Corn Competitors								
2008/09	49.4	5.0	245.0	1.2	19.3	155.7	215.2	64.2
2009/10	50.4	5.1	258.5	1.7	30.3	169.4	231.0	63.1
2010/11	52.9	5.1	270.8	2.2	27.3	181.3	248.0	60.8
2011/12	55.5	5.4	299.5	6.0	43.4	184.8	257.2	65.7
2012/13	58.1	5.6	326.5	3.7	45.8	198.9	271.4	78.7
2013/14	58.6	5.8	339.4	4.1	40.0	207.3	283.3	98.9
2014/15	59.4	5.7	341.0	7.8	54.1	200.2	280.0	113.7
2015/16	59.8	5.5	328.5	9.2	37.5	213.6	294.9	119.0
2016/17	61.1	5.8	355.6	4.1	54.5	222.9	311.3	112.9

Barley Supply and Disappearance: Selected Exporters
Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Australia								
2008/09	5.0	1.6	8.0	0.0	3.2	2.9	4.0	2.4
2009/10	4.4	1.8	7.9	0.0	3.9	3.3	4.5	1.9
2010/11	3.7	2.2	8.0	0.0	4.7	3.0	4.2	1.0
2011/12	3.7	2.2	8.2	0.0	5.4	2.1	3.3	0.5
2012/13	3.6	2.1	7.5	0.0	4.5	1.8	3.0	0.5
2013/14	3.8	2.4	9.2	0.0	6.2	1.5	2.8	0.7
2014/15	4.1	2.1	8.6	0.0	5.2	1.7	3.0	1.1
2015/16	4.1	2.1	8.6	0.0	5.4	2.0	3.3	1.0
2016/17	4.0	2.7	10.6	0.0	7.0	1.8	3.1	1.5
Canada								
2008/09	3.5	3.4	11.8	0.0	1.5	7.6	8.9	3.0
2009/10	2.9	3.3	9.5	0.0	1.3	7.5	8.7	2.5
2010/11	2.4	3.2	7.6	0.0	1.2	6.3	7.5	1.5
2011/12	2.4	3.3	7.9	0.0	1.3	5.7	6.9	1.2
2012/13	2.8	2.9	8.0	0.0	1.4	5.7	6.8	1.0
2013/14	2.7	3.9	10.2	0.0	1.6	6.5	7.7	2.0
2014/15	2.1	3.3	7.1	0.1	1.5	5.3	6.5	1.2
2015/16	2.4	3.5	8.2	0.2	1.2	5.8	7.0	1.4
2016/17	2.2	4.0	8.8	0.1	1.7	6.0	7.2	1.5
European Union								
2008/09	14.6	4.5	65.8	0.3	3.6	41.7	57.3	11.0
2009/10	14.0	4.5	62.4	0.1	1.1	41.7	56.8	15.6
2010/11	12.5	4.3	53.7	0.2	4.9	41.3	56.6	7.9
2011/12	11.9	4.3	51.9	0.5	3.0	35.8	51.2	6.1
2012/13	12.5	4.4	54.9	0.1	5.0	35.5	51.0	5.0
2013/14	12.4	4.8	59.7	0.0	5.7	38.0	53.4	5.6
2014/15	12.4	4.9	60.6	0.1	9.5	35.5	50.9	5.9
2015/16	12.2	5.0	61.5	0.3	10.8	36.3	51.7	5.2
2016/17	12.5	4.8	59.8	0.4	5.9	38.7	54.1	5.4

Sorghum Supply and Disappearance: Selected Exporters

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumption	Ending Stocks
Argentina								
2008/09	0.5	3.7	1.7	0.0	1.1	1.0	1.1	0.2
2009/10	0.8	4.8	3.6	0.0	1.8	1.7	1.9	0.2
2010/11	1.0	4.4	4.4	0.0	1.7	1.7	1.9	0.9
2011/12	1.0	4.2	4.2	0.0	3.1	1.7	1.9	0.2
2012/13	1.1	4.5	4.7	0.0	1.8	2.0	2.3	0.8
2013/14	1.0	4.4	4.4	0.0	1.3	2.3	2.7	1.2
2014/15	0.8	4.5	3.5	0.0	0.9	2.4	2.8	1.0
2015/16	0.8	4.5	3.4	0.0	0.6	2.5	2.9	0.9
2016/17	0.8	4.5	3.6	0.0	0.9	2.6	3.0	0.6
Australia								
2008/09	0.8	3.5	2.7	0.0	1.0	1.8	1.8	0.7
2009/10	0.5	3.0	1.5	0.0	0.3	1.2	1.2	0.7
2010/11	0.6	3.1	1.9	0.0	0.9	1.4	1.4	0.4
2011/12	0.7	3.4	2.2	0.0	1.3	1.1	1.1	0.2
2012/13	0.6	3.4	2.2	0.0	1.2	1.1	1.1	0.2
2013/14	0.5	2.4	1.3	0.0	0.4	0.9	0.9	0.2
2014/15	0.7	3.0	2.2	0.0	1.6	0.5	0.5	0.2
2015/16	0.7	3.0	2.0	0.0	1.0	1.1	1.1	0.2
2016/17	0.5	3.0	1.5	0.0	0.4	1.1	1.1	0.2

U.S. Grains Supply and Distribution: Wheat, Corn, Sorghum, Barley, Oats, Rye, and Rice

Thousand Metric Tons/Hectares

	Area Harvested	Yield	Rough Production	Production	Imports	TY Imports	Exports	TY Exports	Feed Dom. Consumption	Domestic Consumption	Ending Stocks
Wheat											
2014/15	18,771	3	nr	55,147	4,117	3,964	23,518	22,999	3,092	31,334	20,477
2015/16	19,149	3	nr	56,117	3,073	3,056	21,094	21,856	4,141	32,021	26,552
2016/17	17,762	4	nr	62,859	3,402	3,400	27,896	27,500	6,123	33,911	31,006
Corn											
2014/15	33,644	11	nr	361,091	804	809	47,421	46,831	134,108	301,792	43,974
2015/16	32,680	11	nr	345,506	1,714	1,779	48,202	51,198	130,339	298,869	44,123
2016/17	35,106	11	nr	384,778	1,397	1,400	56,518	56,500	142,247	314,847	58,933
Sorghum											
2014/15	2,590	4	nr	10,988	10	27	8,935	9,269	2,078	2,459	468
2015/16	3,177	5	nr	15,158	117	98	8,600	7,895	2,612	6,213	930
2016/17	2,494	5	nr	12,199	25	25	5,715	5,800	3,302	6,476	963
Barley											
2014/15	1,011	4	nr	3,953	513	430	311	291	936	4,235	1,711
2015/16	1,278	4	nr	4,750	403	350	235	161	1,085	4,406	2,223
2016/17	1,035	4	nr	4,339	348	350	131	150	1,197	4,528	2,251
Oats											
2014/15	419	2	nr	1,019	1,876	1,767	27	29	1,330	2,447	780
2015/16	516	3	nr	1,300	1,475	1,538	29	35	1,582	2,702	824
2016/17	397	2	nr	940	1,637	1,580	29	30	1,565	2,696	676
Rye											
2014/15	104	2	nr	183	237	262	6	3	164	406	15
2015/16	148	2	nr	295	222	217	5	6	270	515	12
2016/17	168	2	nr	342	230	200	6	5	306	554	24
Rice, Milled											
2014/15	1,187	8	10,079	7,106	783	758	3,061	3,355	nr	4,301	1,552
2015/16	1,046	8	8,761	6,133	766	768	3,421	3,541	nr	3,555	1,475
2016/17	1,253	8	10,167	7,117	746	750	3,493	3,550	nr	4,190	1,655

Notes: Wheat Trade Year (TY) statistics are on July/June years. Barley, corn, sorghum, rye and oats Trade Year (TY) statistics are on Oct/Sept years. Rice Trade Year (TY) statistics are for the subsequent calendar year; 'Imports' and 'Exports' columns contain data on the local marketing year: wheat, barley, oats and rye are June/May; corn and sorghum are Sept/Aug; rice is Aug/July.

Total Wheat and Coarse Grains: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumption	Ending Stocks
Wheat and Coarse Grains							
1987/88	544.3	2.4	1,285.9	202.2	656.6	1,329.8	422.8
1988/89	541.9	2.2	1,218.1	203.3	619.5	1,301.9	339.1
1989/90	548.2	2.4	1,327.4	208.9	644.5	1,346.2	320.3
1990/91	545.6	2.6	1,417.5	190.1	669.8	1,369.6	368.3
1991/92	543.3	2.5	1,355.6	207.5	653.5	1,365.9	357.9
1992/93	545.9	2.6	1,431.7	205.2	664.1	1,388.2	398.5
1993/94	536.0	2.5	1,356.5	188.2	657.1	1,389.1	366.0
1994/95	534.1	2.6	1,393.0	200.1	670.5	1,395.7	363.2
1995/96	527.3	2.5	1,338.9	187.5	641.8	1,381.8	320.3
1996/97	545.7	2.7	1,490.1	198.3	674.6	1,441.6	368.7
1997/98	535.2	2.8	1,490.6	190.4	685.6	1,443.2	416.1
1998/99	520.2	2.8	1,481.3	198.7	685.3	1,448.3	449.0
1999/00	506.2	2.9	1,465.6	214.0	690.4	1,469.9	444.2
2000/01	509.2	2.8	1,446.3	204.9	700.3	1,472.2	418.2
2001/02	511.5	2.9	1,480.2	208.3	713.6	1,495.7	402.7
2002/03	504.2	2.9	1,445.0	209.2	711.6	1,506.4	341.3
2003/04	511.2	2.9	1,473.6	205.8	718.1	1,536.0	278.9
2004/05	514.8	3.2	1,643.2	214.4	756.3	1,586.6	335.6
2005/06	517.5	3.1	1,600.2	222.5	758.1	1,617.3	318.4
2006/07	519.1	3.1	1,584.7	229.9	749.5	1,630.4	272.8
2007/08	534.4	3.2	1,691.9	244.7	764.1	1,675.4	289.2
2008/09	539.4	3.3	1,792.2	253.5	773.8	1,721.9	359.6
2009/10	533.6	3.4	1,804.2	254.1	782.3	1,767.8	396.0
2010/11	523.4	3.3	1,747.7	249.9	773.5	1,783.8	359.9
2011/12	537.8	3.4	1,853.8	287.1	807.8	1,853.3	360.4
2012/13	532.4	3.4	1,795.1	279.7	807.1	1,813.8	341.8
2013/14	540.5	3.7	1,994.6	327.8	860.2	1,930.4	406.0
2014/15	547.1	3.7	2,035.9	335.7	883.4	1,977.5	464.4
2015/16	545.4	3.6	1,984.2	357.2	901.7	1,961.8	486.8
2016/17	544.2	3.8	2,077.3	358.4	942.1	2,064.8	499.3

Notes: Wheat and coarse grains trade data are on July/June years through 1975/76. From 1976/77 to the present, coarse grains data are on an Oct/Sept trade year.

World Wheat and Coarse Grains: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat							
1994/95	213.4	2.5	523.1	101.5	103.0	541.7	164.7
1995/96	216.7	2.5	537.5	99.2	96.9	545.6	156.6
1996/97	227.1	2.6	581.3	104.0	101.4	572.6	165.3
1997/98	226.4	2.7	610.2	104.5	106.2	576.5	199.0
1998/99	219.2	2.7	590.5	102.0	109.4	579.0	210.5
1999/00	212.7	2.8	587.5	111.9	104.6	587.6	210.3
2000/01	215.4	2.7	582.8	102.1	111.2	587.1	206.0
2001/02	214.3	2.7	583.9	107.9	112.0	586.6	203.3
2002/03	213.4	2.7	569.7	106.5	116.1	603.9	169.0
2003/04	208.0	2.7	555.7	103.5	101.7	588.9	135.8
2004/05	215.8	2.9	626.8	113.2	110.7	606.3	156.2
2005/06	217.5	2.8	618.8	114.1	117.7	621.8	153.3
2006/07	212.3	2.8	596.7	115.3	113.1	616.5	133.4
2007/08	216.9	2.8	611.9	116.0	104.6	617.3	128.1
2008/09	224.1	3.1	684.0	143.2	124.0	642.9	169.1
2009/10	225.6	3.0	687.2	135.3	122.3	653.1	203.3
2010/11	216.9	3.0	649.5	134.0	116.8	653.8	198.9
2011/12	221.0	3.2	697.3	153.7	148.7	697.8	198.5
2012/13	215.8	3.1	658.6	147.3	138.2	679.3	177.8
2013/14	219.6	3.3	715.1	162.5	126.6	697.9	194.9
2014/15	221.7	3.3	728.3	161.8	131.8	705.7	217.5
2015/16	225.0	3.3	735.6	172.1	138.5	712.3	240.8
2016/17	222.1	3.4	748.2	178.3	149.0	740.4	248.6
Coarse Grains							
1994/95	320.8	2.7	869.8	98.6	567.6	854.0	198.5
1995/96	310.5	2.6	801.4	88.3	544.9	836.2	163.7
1996/97	318.6	2.9	908.7	94.3	573.2	869.0	203.5
1997/98	308.8	2.9	880.4	85.8	579.4	866.7	217.2
1998/99	301.0	3.0	890.8	96.7	575.9	869.4	238.6
1999/00	293.5	3.0	878.1	102.1	585.8	882.3	233.9
2000/01	293.9	2.9	863.5	102.8	589.2	885.1	212.2
2001/02	297.3	3.0	896.3	100.4	601.6	909.1	199.5
2002/03	290.8	3.0	875.3	102.7	595.5	902.5	172.3
2003/04	303.3	3.0	917.9	102.3	616.4	947.1	143.1
2004/05	299.1	3.4	1,016.4	101.2	645.6	980.2	179.4
2005/06	300.0	3.3	981.3	108.4	640.4	995.6	165.1
2006/07	306.8	3.2	988.1	114.5	636.4	1,013.9	139.3
2007/08	317.5	3.4	1,080.0	128.7	659.5	1,058.1	161.2
2008/09	315.3	3.5	1,108.2	110.4	649.8	1,078.9	190.5
2009/10	308.0	3.6	1,117.0	118.8	660.0	1,114.7	192.7
2010/11	306.6	3.6	1,098.2	115.9	656.7	1,129.9	161.0
2011/12	316.8	3.7	1,156.5	133.4	659.0	1,155.5	161.9
2012/13	316.6	3.6	1,136.5	132.4	668.9	1,134.5	163.9
2013/14	320.9	4.0	1,279.6	165.3	733.5	1,232.5	211.0
2014/15	325.4	4.0	1,307.6	173.9	751.6	1,271.8	246.9
2015/16	320.4	3.9	1,248.6	185.2	763.1	1,249.5	246.0
2016/17	322.1	4.1	1,329.0	180.1	793.2	1,324.4	250.7

Notes: Wheat and coarse grains trade data are on July/June years through 1975/76. From 1976/77 to the present, coarse grains data are on an Oct/Sept trade year.

World Corn and Barley: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Corn							
1994/95	135.2	4.1	559.6	71.9	371.6	535.7	153.3
1995/96	135.1	3.8	516.7	64.8	365.3	536.8	133.3
1996/97	141.5	4.2	592.9	66.6	387.8	559.9	166.3
1997/98	136.3	4.2	574.1	63.1	400.6	573.3	167.2
1998/99	139.0	4.4	605.8	68.7	404.4	581.6	191.4
1999/00	138.8	4.4	608.1	72.0	422.5	605.1	194.4
2000/01	137.1	4.3	591.7	75.9	427.3	610.8	175.2
2001/02	137.1	4.4	601.8	72.7	436.3	625.5	151.5
2002/03	137.7	4.4	603.9	76.8	433.4	628.5	126.9
2003/04	141.6	4.4	627.7	79.0	445.7	649.9	104.6
2004/05	145.4	4.9	717.1	76.0	476.0	690.7	131.1
2005/06	145.4	4.8	701.0	82.5	479.5	708.5	123.6
2006/07	150.5	4.8	716.5	91.3	480.2	731.2	108.9
2007/08	160.3	5.0	795.5	98.2	501.3	776.6	127.9
2008/09	158.7	5.0	800.1	83.6	481.9	784.4	143.5
2009/10	158.4	5.2	825.2	92.7	492.7	827.8	140.9
2010/11	164.6	5.1	835.8	91.7	503.5	853.2	123.4
2011/12	172.1	5.2	889.7	103.7	508.5	885.1	128.1
2012/13	177.5	4.9	869.6	100.7	518.4	864.6	133.1
2013/14	180.3	5.5	990.4	130.8	570.6	948.8	174.8
2014/15	179.8	5.6	1,015.6	128.4	584.4	980.6	209.8
2015/16	177.6	5.4	960.7	144.9	598.3	960.1	210.4
2016/17	181.4	5.7	1,040.2	143.1	629.1	1,033.0	217.6
Barley							
1994/95	72.2	2.2	160.7	15.3	120.9	165.6	30.0
1995/96	66.4	2.1	141.2	13.4	107.8	150.7	20.5
1996/97	64.3	2.4	153.2	17.9	106.3	149.5	24.1
1997/98	63.8	2.4	153.9	12.8	104.1	145.8	32.2
1998/99	56.7	2.4	136.0	17.8	99.5	139.3	29.0
1999/00	52.1	2.4	127.4	17.8	94.0	132.5	23.9
2000/01	53.1	2.5	133.0	16.3	94.6	134.3	22.6
2001/02	55.7	2.6	143.5	17.2	95.5	136.9	29.2
2002/03	54.7	2.5	134.3	16.3	94.7	135.9	27.6
2003/04	58.4	2.4	142.9	14.8	103.3	147.0	23.5
2004/05	57.4	2.7	152.4	17.0	100.2	142.7	33.1
2005/06	55.2	2.5	136.2	17.4	97.4	141.1	28.3
2006/07	56.3	2.4	136.8	14.6	98.4	143.6	21.4
2007/08	55.7	2.4	132.7	18.5	91.0	133.6	20.5
2008/09	55.0	2.8	155.0	18.2	100.4	143.9	31.6
2009/10	54.2	2.8	150.9	17.3	101.5	145.3	37.2
2010/11	47.1	2.6	123.0	15.2	91.3	136.1	24.1
2011/12	49.2	2.7	133.5	21.4	91.7	135.0	22.6
2012/13	50.2	2.6	129.1	22.2	88.8	131.3	20.4
2013/14	50.7	2.8	144.3	23.8	97.3	140.9	23.9
2014/15	49.6	2.9	141.8	30.1	97.4	141.6	24.1
2015/16	49.7	3.0	147.9	27.5	99.9	147.4	24.6
2016/17	48.3	3.0	144.0	26.9	100.0	145.7	22.9

Notes: Coarse grains trade data are on July/June years through 1975/76. From 1976/77 to the present, coarse grains data are on an Oct/Sept trade year.

World Rice: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Rough Productio n	Productio n	TY Exports	Domestic Consumpti	Ending Stocks
Rice, Milled							
1987/88	141.4	3.3	464.8	315.1	11.4	313.2	105.3
1988/89	146.6	3.3	490.8	332.1	14.0	325.7	111.6
1989/90	147.8	3.5	510.3	345.3	11.7	336.3	120.6
1990/91	147.0	3.5	519.4	351.4	12.3	345.3	126.6
1991/92	147.6	3.5	522.9	353.3	14.4	353.2	126.7
1992/93	146.4	3.6	524.0	353.9	14.9	357.4	123.1
1993/94	145.3	3.6	526.1	354.7	16.6	358.9	118.9
1994/95	147.3	3.7	539.9	364.1	20.8	365.5	117.6
1995/96	148.4	3.7	547.3	368.8	19.7	368.3	118.1
1996/97	150.2	3.8	563.8	380.4	18.9	378.2	120.3
1997/98	151.7	3.8	575.3	387.4	27.6	380.0	127.7
1998/99	153.3	3.8	587.0	394.9	24.8	388.6	134.0
1999/00	155.9	3.9	608.8	409.3	22.8	400.2	143.1
2000/01	152.8	3.9	594.1	399.2	24.3	395.6	146.7
2001/02	151.6	3.9	594.3	399.5	27.9	413.2	132.9
2002/03	147.7	3.8	563.0	378.2	27.6	408.1	103.0
2003/04	149.5	3.9	585.4	392.5	27.3	413.8	81.7
2004/05	151.4	3.9	596.4	400.8	28.9	408.5	74.0
2005/06	154.2	4.0	622.3	417.9	29.0	415.4	76.5
2006/07	154.3	4.1	625.0	420.1	31.8	421.2	75.4
2007/08	155.0	4.2	643.6	433.6	29.5	428.1	80.9
2008/09	158.5	4.2	669.5	449.9	29.4	437.9	92.9
2009/10	155.8	4.2	656.2	440.7	31.8	438.5	95.1
2010/11	158.2	4.2	672.1	450.4	36.5	445.4	100.1
2011/12	160.4	4.3	697.2	467.6	40.0	460.9	106.8
2012/13	158.8	4.4	704.6	472.5	39.5	465.4	113.9
2013/14	161.6	4.4	713.3	478.3	44.1	478.3	113.9
2014/15	160.9	4.4	713.5	478.6	42.6	477.5	115.0
2015/16	159.1	4.4	703.7	472.0	40.3	470.6	116.5
2016/17	161.4	4.4	715.9	480.1	41.5	478.6	118.0

Notes: Stocks, exports and consumption are expressed on a milled basis in marketing years.

ENDNOTES TO GRAIN: WORLD MARKETS AND TRADE

REGIONAL TABLES

North America: Canada, Mexico, the United States.

Central America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama.

Caribbean: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, British Virgin Islands, Cayman Islands, Cuba, Dominica, Dominican Republic, French West Indies, Grenada, Guadeloupe, Haiti, Jamaica and Dep, Leeward-Windward Islands, Martinique, Montserrat, Netherlands Antilles, Puerto Rico, Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, Turks and Caicos Islands, Virgin Islands of the U.S.

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Falkland Islands (Islas Malvinas), French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela.

EU: Austria, Belgium/Luxembourg, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom.

Other Europe: Albania, Azores, Bosnia and Herzegovina, Former Yugoslavia, Gibraltar, Iceland, Macedonia, Montenegro, Norway, Serbia, Switzerland.

Former Soviet Union: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan.

Middle East: Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, Turkey, United Arab Emirates, Yemen.

North Africa: Algeria, Egypt, Libya, Morocco, Tunisia.

Sub-Saharan Africa: all African countries except North Africa.

East Asia: China, Hong Kong, Japan, South Korea, North Korea, Macau, Mongolia, Taiwan.

South Asia: Afghanistan, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka, Maldives.

Southeast Asia: Brunei, Burma, Cambodia, Indonesia, Laos, Malaysia, Philippines, Singapore, Thailand, Vietnam.

Oceania: Australia, Fiji, New Zealand, Papua New Guinea.

OTHER NOTES

Local Marketing Years (LMY): LMY refers to the 12-month period at the onset of the main harvest, when the crop is marketed (i.e., consumed, traded, or stored). The year first listed begins a country's LMY for that commodity (2015/16 starts in 2015); except for summer grains in certain Southern Hemisphere countries and for rice in selected countries, where the second year begins the LMY (2015/16 starts in 2016). Key exporter LMY's are:

Wheat	Corn	Barley	Sorghum
Argentina (Dec/Nov)	Argentina (Mar/Feb)	Australia (Nov/Oct)	Argentina (Mar/Feb)
Australia (Oct/Sep)	Brazil (Mar/Feb)	Canada (Aug/Jul)	Australia (Mar/Feb)
Canada (Aug/Jul)	China (Oct/Sep)	European Union (Jul/Jun)	United States (Sep/Aug)
China (Jul/Jun)	South Africa (May/Apr)	Russia (Jul/Jun)	
European Union (Jul/Jun)	United States (Sep/Aug)	Ukraine (Jul/Jun)	
India (Apr/Mar)		United States (Jun/May)	
Kazakhstan (Jul/Jun)			
Russia (Jul/Jun)			
Turkey (Jun/May)			
Ukraine (Jul/Jun)			
United States (Jun/May)			

For a complete list of local marketing years, please see the FAS website (<https://apps.fas.usda.gov/psdonline/app/index.html#/app/downloads>).

Stocks: Unless otherwise stated, stock data are based on an aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time.

Consumption: World totals for consumption reflect total utilization, including food, seed, industrial, feed, and waste; as well as differences in local marketing year imports and local marketing year exports. Consumption statistics for regions and individual countries, however, reflect food, seed, industrial, feed, and waste only.

Trade: All PSD tables are balanced on the different local marketing years. All trade tables contain Trade Year (TY) data which puts all countries on a uniform, 12-month period for analytical comparisons: wheat is July/June; coarse grains, corn, barley, sorghum, oats, and rye are Oct/Sept; and rice is calendar year.

EU Consolidation: The trade figures starting from 1999/00 represent the European Union (Croatia plus the former EU-27) and exclude all intra-trade. For the years 1960/61 through 1998/99, figures are the EU-15 and also exclude all intra-trade. EU-15 member states' data for grains are no longer maintained in the official USDA database. Data for the individual NMS-10, plus Bulgaria, Romania, and Croatia, exists only prior to 1999/00.

Statistics: (1) Wheat trade statistics include wheat, flour, and selected pasta products on a grain equivalent basis. (2) Rice trade statistics include rough, brown, milled, and broken on a milled equivalent basis. (3) Coarse grains statistics include corn, barley, sorghum, oats, rye, millet, and mixed grains but exclude trade in barley malt, millet, and mixed grains.

Unaccounted: This term includes grain in transit, reporting discrepancies in some countries, and trade to countries outside the USDA database.

The Global Commodity Analysis Division, Office of Global Analysis, Foreign Agricultural Service, USDA, Washington, DC 20250, prepared this circular. Information is gathered from official statistics of foreign governments and other foreign source materials, reports of U.S. agricultural attachés and Foreign Service officers, office research, and related information. Further information may be obtained by writing the Division or telephoning (202) 720-3448.

Note: The previous report in this series was Grain: World Markets and Trade January 2017. For further details on world grain production, please see World Agricultural Production February 2017.

This circular is available in its entirety on the Internet via the Foreign Agricultural Service Home Page. The address is: <http://www.fas.usda.gov>

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