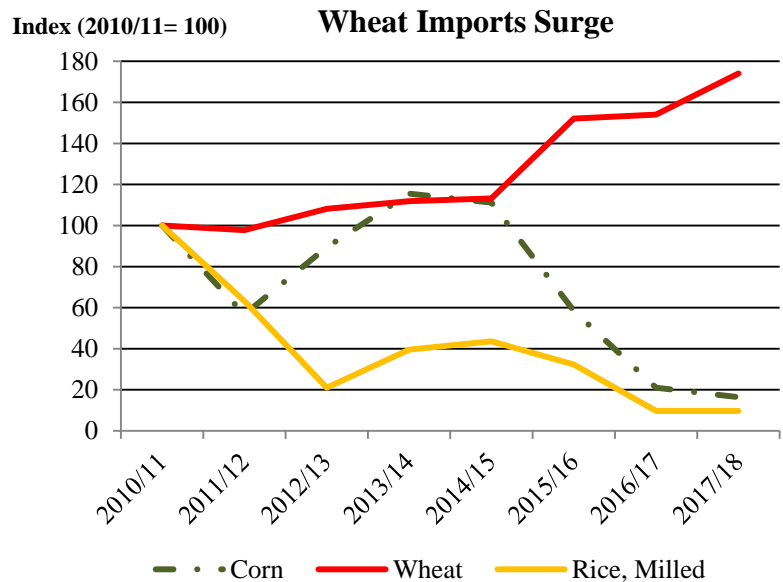


Grain: World Markets and Trade

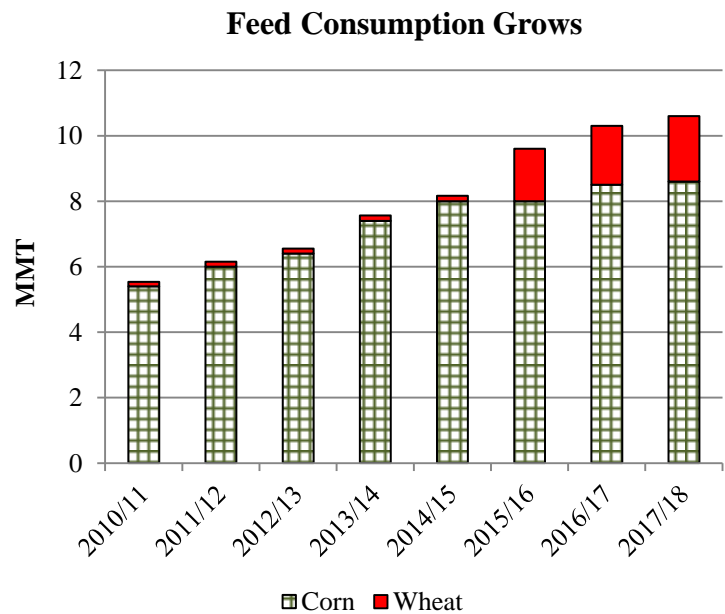
Indonesia: Strong Wheat Imports Displace Other Grains

Indonesia's drive for self-sufficiency is resulting in record wheat imports displacing imported rice and corn. The country's rise to the second-largest wheat importer has been spurred by growth not only for food but now also for feed, primarily supplied from Australia and Ukraine. Traditionally, growth in imports was for milling quality wheat, supporting surging flour use for instant noodles and bread. While rice self-sufficiency has nearly been achieved, it has been due to declining rice consumption in the face of affordable wheat-based alternatives more so than higher rice production.

However, Indonesia's record forecast is driven even higher this year due to growing feed use. Import restrictions on corn have shrunk imports since 2014/15 turning feed mills to seek lower-priced feedstuffs. Wheat feed use has surged as a result of lower prices relative to domestic corn, in addition to feed use for the burgeoning poultry and aquaculture industries. As a result of ballooning imports, the government has placed restrictions on feed wheat to strengthen and expand domestic corn production. To surpass the feed wheat import restrictions, Indonesia has been importing lower-quality milling wheat to blend in feed rations (refer to the November [Indonesia Grain and Feed Update](#)). As Indonesia continues its quest for self-sufficiency in grains, feeders are likely to remain reactive and agile in this dynamic environment.



Note: Graph is indexed (base=100) to 2010/11 imports of the individual commodity



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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 Production, Supply and Distribution Database (PSD Online): (<http://apps.fas.usda.gov/psdonline/psdHome.aspx>), scroll down to Reports, and Click the plus sign [+] next to Grains.

FAS Reports and Databases:

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

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

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):

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

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			
	2015/16	2016/17	2017/18	2015/16	2016/17	2017/18	2015/16	2016/17	2017/18	
Production										
United States	(Jun-May)	56.1	62.8	47.4	6.1	7.1	5.7	345.5	384.8	370.3
Other		679.2	690.8	707.8	466.5	479.6	477.8	628.0	690.8	674.5
World Total		735.3	753.6	755.2	472.6	486.7	483.5	973.5	1,075.6	1,044.8
Domestic Consumption										
United States	(Jun-May)	31.9	31.8	30.9	3.6	4.2	3.7	298.8	313.8	319.0
Other		676.9	703.9	709.7	462.2	472.1	475.6	689.0	721.3	743.9
World Total		708.8	735.7	740.6	465.8	476.3	479.3	987.8	1,035.1	1,062.9
Ending Stocks										
United States	(Jun-May)	26.6	32.1	26.1	1.5	1.5	1.0	44.1	58.3	61.9
Other		214.8	223.2	242.3	131.1	136.5	139.7	170.8	169.0	142.2
World Total		241.4	255.3	268.4	132.6	138.0	140.7	214.9	227.3	204.1
TY Imports										
United States	(Jun-May)	3.1	3.3	4.1	0.8	0.8	0.8	1.8	1.5	1.3
Other		165.5	175.9	176.6	36.8	42.4	42.3	136.6	138.8	146.6
World Total		168.6	179.2	180.7	37.6	43.2	43.1	138.4	140.3	147.9
TY Exports										
United States	(Jun-May)	21.8	29.5	26.0	3.4	3.4	3.4	51.2	55.5	48.5
Other		150.2	152.8	157.8	36.7	42.9	42.1	93.7	86.1	102.9
World Total		172.0	182.3	183.8	40.1	46.3	45.5	144.9	141.6	151.4

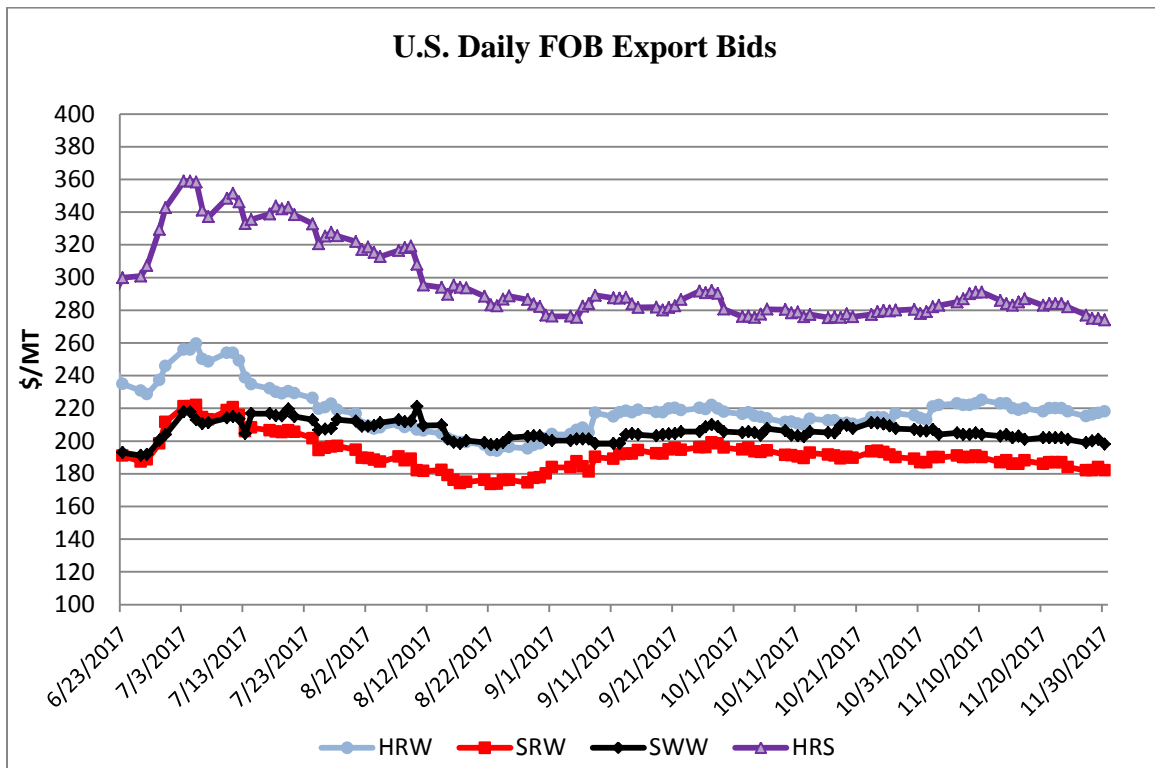
Note: Consumption in this table has not been adjusted for differences in marketing year imports and exports and therefore differs from global totals shown elsewhere. Marketing years for U.S. grains are: Wheat (Jun-May), Rice (Aug-Jul), Corn (Sep-Aug). 'Marketing Year' column is germane for U.S. wheat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

WHEAT: WORLD MARKETS AND TRADE

OVERVIEW

For 2017/18, global production is raised this month to a record on larger crops for Canada and the European Union. Global trade is forecast up slightly from last month to a record. Imports are forecast higher for Brazil, China, Indonesia and Ukraine, but lower for Bangladesh and the European Union. Higher exports for Canada are partially offset by a lower forecast for the United States. The U.S. season-average farm price is unchanged at \$4.60 per bushel.

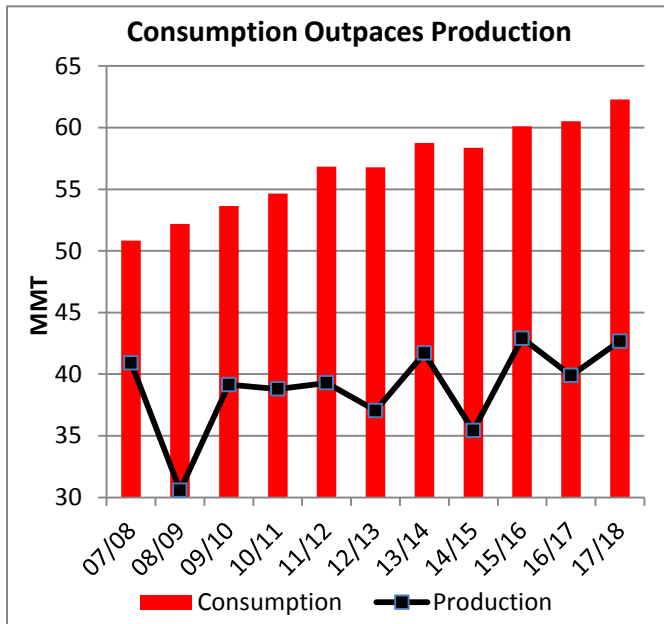
PRICES



Domestic: Overall, U.S. wheat prices for most classes were down slightly during the month of November on weak sales activity and abundant competitor supplies. Soft Red Winter (SRW) eased \$5/ton to \$182, while Hard Red Spring (HRS) declined \$4/ton to \$274, Soft White Winter (SWW) dropped \$8/ton to \$198. On the other hand, Hard Red Winter (HRW) rose at the beginning of the month supported by large sales to Iraq, but settled only \$4/ton higher at \$218 by the end of the month. U.S. winter wheat conditions worsened slightly during the month because of dry conditions in the Plains, but minimal price impact has been felt based on the early stage of the crop and the abundance of wheat in global markets.

FEATURES

Middle East Wheat Imports Surge on Growing Consumption



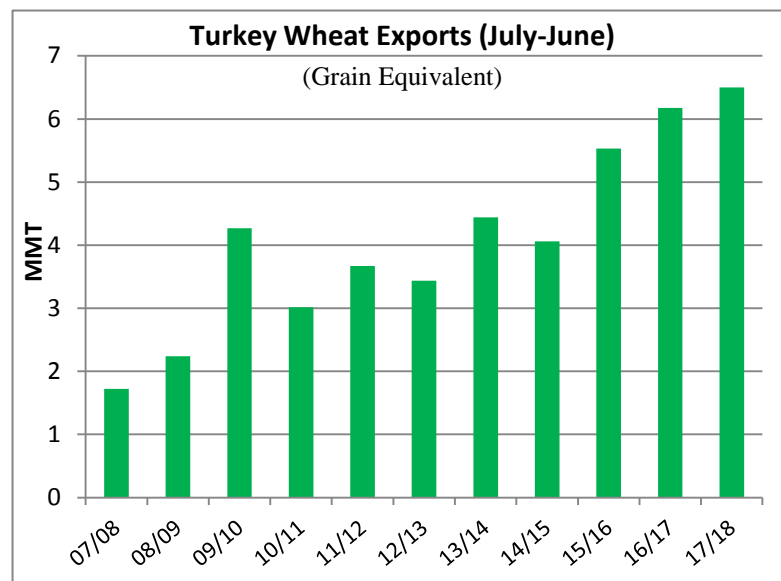
Wheat consumption in the Middle East has grown by about 20 percent over the last decade. Production, on the other hand, has remained stagnant with Iran and Turkey representing more than 80 percent of the total.

Expanding populations in Iran, Iraq, Saudi Arabia, and Yemen account for much of the consumption growth. Jordan and Lebanon have also shown a sharp increase in wheat consumption as millions of refugees from Syria have resettled in these nearby countries. Turkey's consumption has risen partly due to the presence of refugees, but this growth is mitigated by slightly declining per capita use.

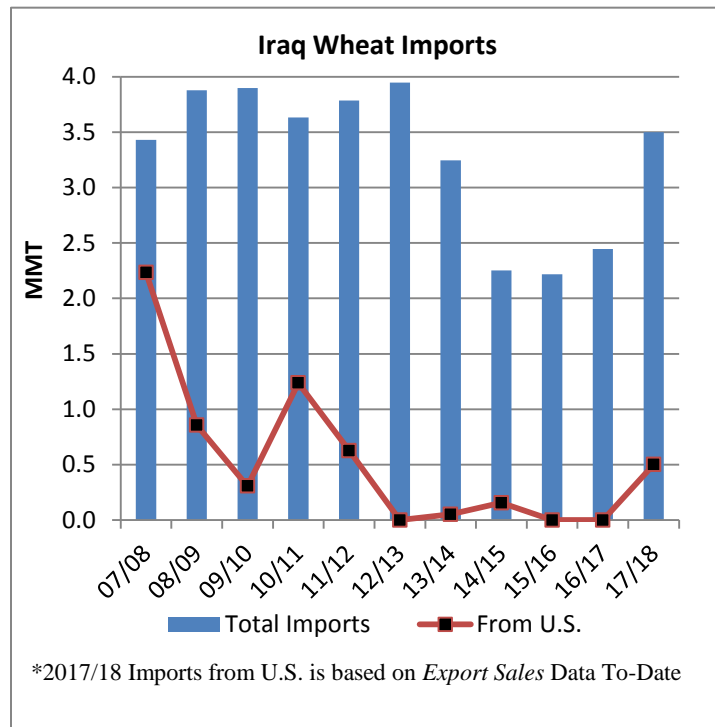
Based on this growing gap between supply and demand, imports are twice as large as a decade ago, with Saudi Arabia and Turkey accounting for half of the growth. Saudi Arabia is importing more as domestic production was phased out to conserve water. Turkey continues to import wheat even as domestic production grows. Under Turkey's Inward Processing Regime, wheat is imported duty-free to be milled and exported as flour.

Turkey Wheat Exports Forecast at a Record

Turkey's wheat exports are forecast at a record, spurred by a record crop. With exports more than tripling in the last decade, Turkey has become the world's leading flour exporter. Shipments to Asian countries, particularly Indonesia and the Philippines, have declined as governments placed tariffs on wheat flour to protect domestic millers. However, strong demand from nearby markets, particularly Iraq, Sudan, and Syria, has more than compensated for lower exports to Asian countries.

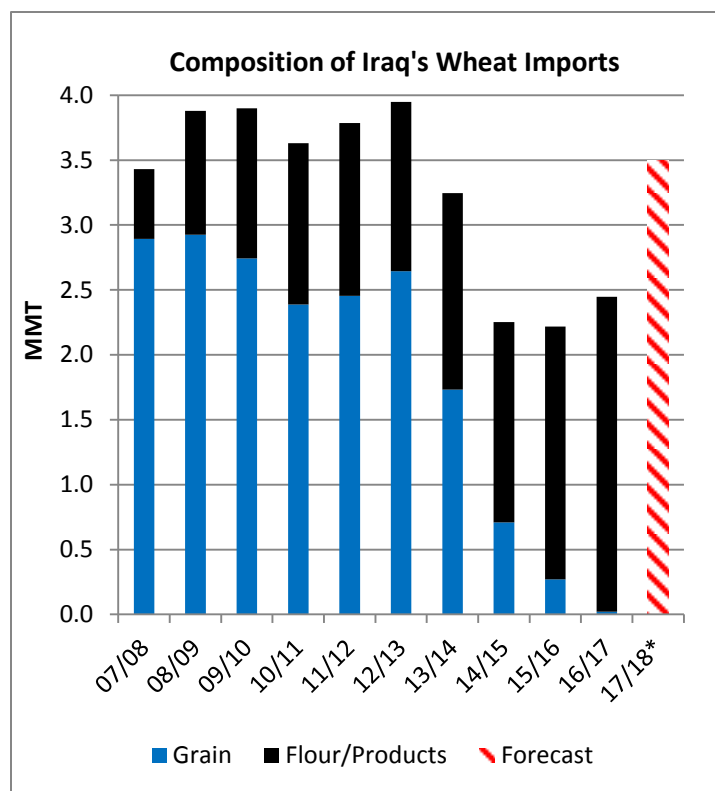


Iraq Imports Rebounding to Highest Level in 5 Years



Iraq's production has trended higher in recent years, leading to lower imports. Wheat imports had increasingly come in the form of Turkish flour as grain imports dropped off. This shift was mainly due to conflict in northern regions, budgetary constraints on importing wheat for the Public Distribution System (PDS), and competitive pricing of Turkish flour.

However, Iraq's 2017/18 imports are forecast to rebound more than 40 percent from last year, partly because of the low quality of its crop. The United States has already sold at least 500,000 metric tons of Hard Red Winter wheat to Iraq, according to *U.S. Export Sales* data. This already represents the largest sales to Iraq in 6 years. In addition to grain purchases picking up in recent months, flour imports have also continued at a fast pace.



Historically, the Grain Board of Iraq relied on public tendering to purchase wheat. Typically, the tenders listed Australia, Canada, and the United States as acceptable origins. In May 2017, Iraq's cabinet authorized the Ministry of Trade to make direct purchases. During the 2017/18 marketing year, the United States has already sold 150,000 tons of wheat to Iraq under the public tendering system in addition to robust direct sales.

For more information about Iraq's wheat sector, see the October [Iraq Grain and Feed Annual GAIN](#) report.

TRADE CHANGES IN 2017/18

Selected Importers

- **Bangladesh** is cut 500,000 tons to 6.0 million due to slower-than-expected trade.
- **Brazil** is boosted 500,000 tons to 8.0 million with a smaller crop.
- **China** is up 500,000 tons to 3.5 million due to faster-than-expected trade.
- **European Union** is lowered 500,000 tons to 6.0 million on the slow pace of purchases and a larger crop.
- **Indonesia** is raised 1.0 million tons to 11.5 million due to higher wheat feeding.

Selected Exporters

- **Canada** is boosted 1.0 million tons to 22.0 million with a larger-than-expected crop.
- **European Union** remains at 28.5 million in spite of a slow pace of shipments on the expectation of improved competitiveness later in the year.
- **Russia** is lifted 500,000 tons to 33.5 million on the strong pace of shipments.
- **Ukraine** is raised 500,000 tons to 17.0 million based on larger-than-expected trade.
- **United States** is cut 500,000 tons to 26.0 million on the slow pace of shipments and bumper Canadian exports.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
TY Exports						
Argentina	1,675	4,200	8,750	12,275	12,500	12,500
Australia	18,339	16,575	15,780	22,061	19,000	19,000
Canada	22,156	24,883	22,119	20,256	21,000	22,000
European Union	32,032	35,455	34,686	27,311	28,500	28,500
Kazakhstan	8,000	5,507	7,600	7,250	7,500	7,500
Mexico	1,322	1,104	1,568	1,119	1,400	1,400
Russia	18,609	22,800	25,543	27,809	33,000	33,500
Serbia	1,198	593	880	1,043	1,100	1,100
Turkey	4,293	4,135	5,605	6,177	6,500	6,500
Ukraine	9,755	11,269	17,431	18,107	16,500	17,000
Others	13,571	12,356	10,234	9,364	8,659	8,764
Subtotal	130,950	138,877	150,196	152,772	155,659	157,764
United States	31,529	23,023	21,811	29,488	26,500	26,000
World Total	162,479	161,900	172,007	182,260	182,159	183,764
TY Imports						
Afghanistan	2,050	2,000	2,700	2,700	2,600	2,600
Algeria	7,484	7,257	8,153	8,414	8,200	8,200
Bangladesh	3,354	3,929	4,720	5,556	6,500	6,000
Brazil	7,061	5,869	5,922	7,788	7,500	8,000
China	6,773	1,926	3,476	4,410	3,000	3,500
Colombia	1,746	1,627	2,032	2,110	2,150	2,150
Egypt	10,150	11,300	11,925	11,236	12,000	12,000
European Union	3,976	5,979	6,916	5,275	6,500	6,000
India	22	273	301	6,147	3,000	3,000
Indonesia	7,391	7,477	10,045	10,176	10,500	11,500
Iraq	3,246	2,253	2,218	2,447	3,500	3,500
Japan	6,123	5,878	5,715	5,911	5,800	5,800
Korea, South	4,288	3,942	4,420	4,667	4,600	4,600
Mexico	4,639	4,471	4,805	5,370	5,400	5,400
Morocco	3,928	4,086	4,503	5,191	4,800	4,800
Nigeria	4,580	4,244	4,410	4,972	5,100	5,100
Peru	2,114	1,907	1,799	2,020	2,150	2,150
Philippines	3,476	5,054	4,918	5,704	5,650	5,600
Saudi Arabia	3,441	3,499	2,931	3,716	3,800	3,800
Sudan	2,664	2,632	2,021	2,458	2,600	2,600
Thailand	1,759	3,492	4,872	3,689	3,000	3,000
Turkey	4,147	5,960	4,405	4,542	4,500	4,500
Uzbekistan	2,224	2,230	2,662	2,700	2,800	2,800
Vietnam	2,157	2,292	3,070	5,548	4,000	4,000
Yemen	3,425	3,245	3,332	3,278	3,400	3,400
Others	53,421	51,976	53,291	49,927	52,076	52,571
Subtotal	155,639	154,798	165,562	175,952	175,126	176,571
Unaccounted	2,055	3,113	3,391	3,011	2,933	3,093
United States	4,785	3,989	3,054	3,297	4,100	4,100
World Total	162,479	161,900	172,007	182,260	182,159	183,764

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
Production						
Argentina	10,500	13,930	11,300	18,400	17,500	17,500
Australia	25,303	23,743	22,275	33,500	21,500	21,500
Canada	37,530	29,420	27,594	31,729	27,000	30,000
China	121,930	126,208	130,190	128,850	130,000	130,000
Egypt	8,250	8,300	8,100	8,100	8,100	8,100
European Union	144,583	156,912	160,480	145,248	151,489	152,500
India	93,506	95,850	86,530	87,000	98,380	98,380
Iran	14,500	13,000	15,000	15,500	15,000	15,000
Kazakhstan	13,941	12,996	13,748	14,985	14,000	14,000
Morocco	6,934	5,116	8,064	2,731	6,250	6,250
Pakistan	24,211	25,979	25,100	25,600	25,700	25,700
Russia	52,091	59,080	61,044	72,529	83,000	83,000
Turkey	18,750	15,250	19,500	17,250	21,000	21,000
Ukraine	22,278	24,750	27,274	26,800	26,500	26,500
Uzbekistan	6,800	7,150	7,200	7,200	7,200	7,200
Others	55,880	55,357	55,743	55,350	51,985	51,205
Subtotal	656,987	673,041	679,142	690,772	704,604	707,835
United States	58,105	55,147	56,117	62,833	47,371	47,371
World Total	715,092	728,188	735,259	753,605	751,975	755,206
Total Consumption						
Algeria	9,850	10,050	10,250	10,350	10,450	10,450
Brazil	11,400	10,700	11,100	12,200	12,100	12,100
Canada	9,395	9,096	7,924	10,400	8,100	8,700
China	116,500	116,500	112,000	118,500	116,000	116,000
Egypt	18,500	19,100	19,200	19,400	19,700	19,700
European Union	117,300	124,677	129,850	128,000	128,250	128,750
India	93,848	93,102	88,551	97,120	100,000	100,000
Indonesia	7,165	7,365	9,100	10,000	9,700	10,700
Iran	17,000	17,500	17,800	18,100	18,350	18,350
Morocco	9,000	9,000	9,800	10,200	10,300	10,300
Pakistan	24,100	24,500	24,400	24,500	24,800	24,800
Russia	34,100	35,500	37,000	40,000	44,000	44,000
Turkey	17,750	17,500	18,000	17,400	17,900	17,900
Ukraine	11,500	11,500	12,200	10,300	10,000	9,800
Uzbekistan	8,400	8,900	9,350	9,700	9,900	9,900
Others	150,704	154,153	160,377	167,813	168,119	168,204
Subtotal	663,710	673,873	679,642	707,964	709,136	711,200
United States	34,260	31,328	31,942	31,751	30,917	30,917
World Total	697,970	705,201	711,584	739,715	740,053	742,117
Ending Stocks						
Canada	10,398	7,101	5,178	6,835	5,265	6,635
China	65,274	76,105	97,042	111,054	127,254	127,754
European Union	9,938	12,697	15,557	10,769	11,726	12,019
India	17,830	17,220	14,540	9,800	10,680	10,680
Morocco	4,317	4,281	6,856	4,544	5,194	5,194
Pakistan	2,191	3,710	3,829	4,332	4,662	4,662
Russia	5,177	6,287	5,607	10,830	17,330	16,830
Others	63,586	69,885	66,277	65,031	59,968	58,509
Subtotal	178,711	197,286	214,886	223,195	242,079	242,283
United States	16,065	20,477	26,552	32,133	25,453	26,134
World Total	194,776	217,763	241,438	255,328	267,532	268,417

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	Nov 2017/18	Dec 2017/18
TY Imports						
North America	9,839	9,004	8,378	9,177	10,000	10,000
Central America	1,833	1,834	1,834	1,993	2,010	2,025
South America	14,879	13,132	13,342	16,308	16,095	16,645
European Union - 28	3,976	5,979	6,916	5,275	6,500	6,000
Other Europe	1,858	1,760	1,828	1,970	1,860	1,860
Former Soviet Union - 12	7,528	7,678	7,402	7,358	7,960	7,960
Middle East	28,447	26,928	24,499	22,774	24,020	24,020
North Africa	25,246	25,430	27,873	28,334	28,350	28,350
Sub-Saharan Africa	20,405	20,963	22,865	22,215	23,980	24,265
East Asia	19,465	14,114	16,226	17,355	15,880	16,380
South Asia	6,722	8,164	8,823	15,469	13,271	12,771
Southeast Asia	17,176	20,576	25,483	27,763	25,910	26,950
Others	3,050	3,225	3,147	3,258	3,390	3,445
Total	160,424	158,787	168,616	179,249	179,226	180,671
Production						
North America	99,012	88,254	87,462	98,446	77,921	80,921
South America	19,803	24,581	21,601	28,646	25,188	24,538
European Union - 28	144,583	156,912	160,480	145,248	151,489	152,500
Other Europe	4,228	4,088	4,359	4,749	4,235	4,235
Former Soviet Union - 12	103,824	112,382	117,964	130,477	139,273	139,273
Middle East	41,708	35,414	42,905	39,791	42,675	42,615
North Africa	19,661	17,029	19,976	14,081	18,150	18,150
Sub-Saharan Africa	7,204	7,477	6,433	7,227	7,319	7,249
East Asia	123,248	127,650	131,515	130,153	131,454	131,454
South Asia	125,917	130,057	119,676	120,688	132,180	132,180
Oceania	25,716	24,157	22,689	33,918	21,920	21,920
Others	188	187	199	181	171	171
Total	715,092	728,188	735,259	753,605	751,975	755,206
Domestic Consumption						
North America	50,305	47,274	46,866	50,051	46,717	47,317
South America	27,321	27,090	27,665	28,665	28,865	28,790
European Union - 28	117,300	124,677	129,850	128,000	128,250	128,750
Other Europe	4,857	4,875	4,935	5,035	5,035	5,035
Former Soviet Union - 12	72,755	74,990	77,775	79,070	83,190	82,990
Middle East	58,764	58,357	60,110	60,436	62,290	62,190
North Africa	42,475	42,726	43,666	44,570	45,075	45,075
Sub-Saharan Africa	26,383	27,220	28,571	29,199	30,168	30,333
East Asia	130,201	129,523	125,274	132,255	129,615	129,615
South Asia	132,041	132,306	128,914	139,104	142,821	142,821
Southeast Asia	16,610	19,295	23,131	26,375	24,270	25,305
Oceania	8,280	8,564	8,505	9,140	8,420	8,420
Others	3,480	3,574	3,582	3,834	3,870	3,930
Total	690,772	700,471	708,844	735,734	738,586	740,571
Ending Stocks						
North America	26,782	28,101	32,241	39,714	31,314	33,365
South America	6,776	8,639	4,208	4,849	4,253	4,273
European Union - 28	9,938	12,697	15,557	10,769	11,726	12,019
Other Europe	1,009	1,321	1,598	1,962	1,767	1,767
Former Soviet Union - 12	15,832	20,662	16,770	21,114	27,187	26,322
Middle East	18,834	18,474	19,868	15,957	13,141	13,067
North Africa	14,045	13,216	16,628	13,922	14,662	14,662
Sub-Saharan Africa	2,844	3,036	3,213	2,561	2,915	2,907
East Asia	68,314	79,217	100,404	114,275	130,564	131,064
South Asia	21,661	23,109	21,040	16,637	18,057	17,557
Southeast Asia	3,491	3,921	5,413	5,859	7,048	6,504
Oceania	4,826	4,925	4,080	7,271	4,456	4,461
Others	424	445	418	438	442	449
Total	194,776	217,763	241,438	255,328	267,532	268,417

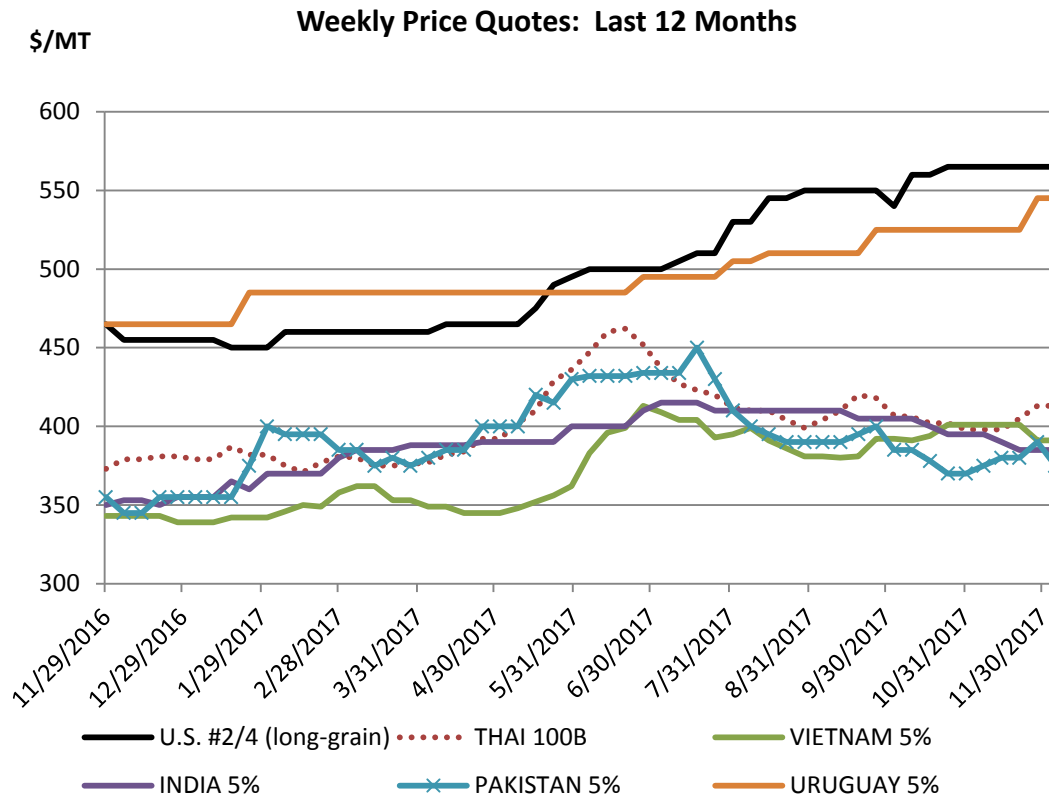
NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

RICE: WORLD MARKETS AND TRADE

OVERVIEW

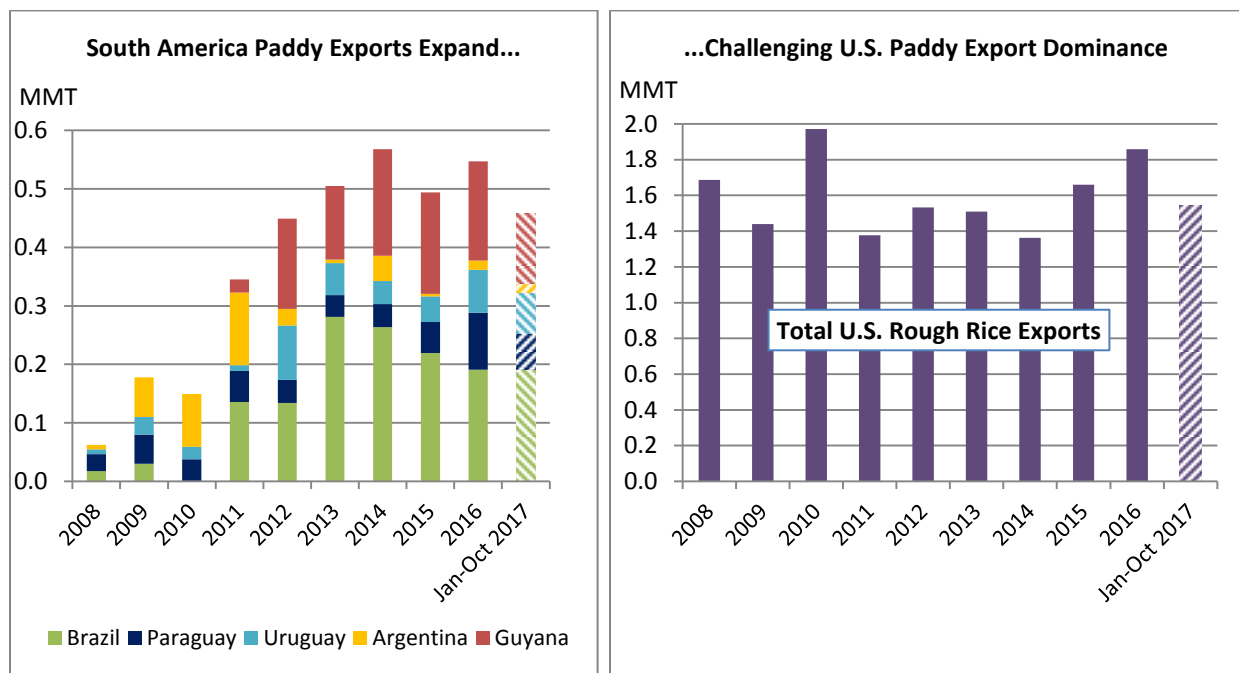
For 2017/18, global production is raised this month on a record crop in China. Trade is forecast higher, though still slightly below the previous year's record. Larger imports are forecast for several African countries, while export prospects for Burma and Vietnam are raised from last month. Global stocks are raised, mostly on account of China, and are the third-largest on record.

PRICES



Uruguayan export quotes have risen this past month to \$545/ton, reflecting pre-harvest tightening supplies in the face of a smaller crop. This has caused South American quotes to edge closer to U.S. quotes, which have remained steady at \$565/ton. Meanwhile, Asian quotes have diverged in the past month with Thai quotes rising to \$413/ton, reflecting a stronger baht. Both Indian and Vietnamese quotes fell to \$385/ton and \$391/ton, respectively. Pakistan is quoted the lowest at \$375/ton.

FEATURE



Over 40 percent of U.S. rice exports (product weight basis) are paddy rice, which differs from world market trade as the top Asian exporters almost exclusively ship milled rice. This feature is attributable to two factors: U.S. milled rice prices tend to be higher than respective Asian prices, making it difficult for U.S. rice to compete in Asian markets; and the majority of U.S. rice flows to Western Hemisphere markets, many of which have mills that can easily process domestic and imported rice, as well as policies that support their milling industry.

A decade ago, the United States had a near-monopoly of the paddy trade in the Western Hemisphere, with other regional suppliers as marginal actors. While the United States is still the primary paddy supplier, Brazil, Guyana, Uruguay, Paraguay, and Argentina are now adding greater competition.

In 2011, abnormal growing conditions caused chalkiness in U.S. rice kernels, and some unsatisfied Central American buyers began to buy from South America, especially from Brazil. In 2014 as petroleum prices plummeted, Guyana's trade with its neighbor and primary buyer, Venezuela, abruptly dropped. Consequently, Guyana has been pressing into other paddy markets. Most notably, since July this year, Guyana has shipped over 50,000 tons to Mexico, accounting for 7 percent of paddy imports year-to-date. This is the top paddy rice market in the Western Hemisphere, and had been supplied exclusively by the United States. The newest emerging paddy exporter is land-locked Paraguay, where production has more than quadrupled over the past decade. Currently, its paddy exports are largely focused on supplying Brazil via border trade.

In aggregate, these South American suppliers pose a new dynamic in paddy trade in the Americas, creating much fiercer competition for the paddy market that had previously been almost exclusively the U.S. domain. Further abroad, as Egypt's exports have dwindled, the United States has vied with Russia and the European Union for Mediterranean medium-grain paddy markets, particularly Turkey.

TRADE CHANGES IN 2018

Selected Importers

- **Indonesia** is lowered 200,000 tons to 300,000 on continued self-sufficiency targets and lower expected demand amid changes to the *raskin* program.
- **Kenya** is up 100,000 tons to 700,000 on prospects for growth in demand for Asian varieties.
- **Liberia** is raised 140,000 tons to 400,000 on rising demand for low-priced rice from India and China.
- **Togo** is lifted 100,000 tons to 300,000 on a growing appetite for imported rice from India and Thailand.

Selected Exporters

- **Burma** is raised 400,000 tons to 3.0 million on expected strong trade to China and on diversification to additional markets.
- **Vietnam** is up 200,000 tons to 6.5 million on expectations of growth in shipments to China and other markets.

TRADE CHANGES IN 2017

Selected Importers

- **Bangladesh** is raised 250,000 tons to 1.4 million on higher imports from India.
- **Brazil** is up 160,000 tons to 800,000 on a strong pace of trade and shipments from Guyana.
- **Indonesia** is down 200,000 tons to 300,000 on the lack of end-of-year government purchases, despite relatively low stocks.
- **Liberia** is up 100,000 tons to 370,000 on shipments from India and China.

Selected Exporters

- **Burma** is raised 300,000 tons to 3.1 million on larger shipments to China, Africa, and the European Union.
- **Cambodia** is lowered 200,000 tons to 1.2 million reflecting delayed shipments to Bangladesh.
- **India** is up 200,000 tons to a record 11.6 million on strong sales to Bangladesh, Sri Lanka, Iran, and African countries.
- **United States** is lowered 100,000 tons to 3.4 million on a slower pace of shipments to date.
- **Vietnam** is up 400,000 tons to 6.6 million on large shipments not only to China but also to Southeast Asia, Africa, and the Middle East.

World Rice Trade
January/December Year, Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
TY Exports						
Argentina	494	310	527	500	450	430
Australia	404	323	165	180	325	325
Brazil	852	895	641	600	650	650
Burma	1,688	1,735	1,300	3,100	2,600	3,000
Cambodia	1,000	1,150	1,150	1,150	1,250	1,250
China	393	262	368	1,100	1,100	1,100
European Union	284	251	270	320	280	280
Guyana	446	486	431	440	450	460
India	11,588	11,046	10,040	11,600	11,600	11,600
Pakistan	3,700	4,000	4,000	3,600	3,800	3,800
Paraguay	380	371	557	500	520	520
Russia	187	163	198	180	170	160
Thailand	10,969	9,779	9,867	11,000	10,200	10,200
Uruguay	957	718	996	1,000	900	810
Vietnam	6,325	6,606	5,088	6,600	6,300	6,500
Others	1,509	1,173	1,134	1,026	1,057	1,057
Subtotal	41,176	39,268	36,732	42,896	41,652	42,142
United States	2,947	3,381	3,373	3,400	3,450	3,400
World Total	44,123	42,649	40,105	46,296	45,102	45,542
TY Imports						
Angola	500	450	470	600	600	650
Bangladesh	1,335	598	35	1,350	1,200	1,200
Benin	350	400	450	525	500	500
Brazil	586	363	786	800	600	600
Cameroon	525	500	500	550	575	575
China	4,450	5,150	4,600	5,300	5,250	5,250
Cote d'Ivoire	950	1,150	1,300	1,350	1,500	1,500
Cuba	377	575	544	550	580	580
European Union	1,556	1,786	1,816	1,875	1,900	1,900
Ghana	590	580	700	500	550	550
Guinea	520	420	650	725	725	800
Iran	1,400	1,300	1,100	1,600	1,300	1,300
Iraq	1,080	1,000	930	1,050	1,100	1,100
Japan	669	688	685	685	685	685
Kenya	440	450	500	675	600	700
Malaysia	989	1,051	823	1,000	900	900
Mexico	685	719	731	870	850	850
Mozambique	590	575	625	750	700	700
Nepal	520	530	530	550	600	600
Nigeria	3,200	2,100	2,100	2,500	2,300	2,300
Philippines	1,800	2,000	800	1,100	1,700	1,700
Saudi Arabia	1,459	1,601	1,300	1,400	1,450	1,450
Senegal	960	990	980	1,000	1,050	1,050
South Africa	910	912	954	1,000	950	950
United Arab Emirates	560	580	670	750	825	825
Others	13,402	12,974	12,271	13,383	12,937	13,147
Subtotal	40,403	39,442	36,850	42,438	41,927	42,362
Unaccounted	2,965	2,450	2,487	3,098	2,415	2,420
United States	755	757	768	760	760	760
World Total	44,123	42,649	40,105	46,296	45,102	45,542

TY=Trade Year, see Endnotes. Note about dates: 2017/18 is calendar year 2018, 2016/17 is calendar year 2017, and so on.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
Milled Production						
Bangladesh	34,390	34,500	34,500	34,578	33,000	33,000
Brazil	8,300	8,465	7,210	8,383	7,820	7,820
Burma	11,957	12,600	12,160	12,650	12,600	12,950
Cambodia	4,725	4,700	4,847	4,950	5,000	5,000
China	142,530	144,560	145,770	144,850	144,000	146,000
Egypt	4,750	4,530	4,000	4,800	4,300	4,300
India	106,646	105,482	104,408	110,150	107,500	107,500
Indonesia	36,300	35,560	36,200	37,150	37,000	37,000
Japan	7,931	7,849	7,670	7,780	7,600	7,600
Korea, South	4,230	4,241	4,327	4,197	3,900	3,972
Nigeria	3,038	3,465	3,528	3,654	3,654	3,654
Pakistan	6,798	6,900	6,800	6,850	6,900	6,900
Philippines	11,858	11,915	11,000	11,686	11,200	11,200
Thailand	20,460	18,750	15,800	19,200	20,400	20,400
Vietnam	28,161	28,166	27,584	27,550	28,450	28,450
Others	40,349	40,367	40,635	41,185	42,207	42,059
Subtotal	472,423	472,050	466,439	479,613	475,531	477,805
United States	6,117	7,106	6,133	7,117	5,664	5,664
World Total	478,540	479,156	472,572	486,730	481,195	483,469
Consumption and Residual						
Bangladesh	34,900	35,100	35,100	35,000	34,800	35,000
Brazil	7,900	7,925	7,900	8,100	7,950	7,950
Burma	10,450	10,500	10,400	10,200	10,200	10,200
Cambodia	3,650	3,615	3,700	3,750	3,750	3,750
China	139,770	140,334	140,799	141,345	142,150	142,150
Egypt	4,000	4,000	3,900	4,300	4,400	4,400
India	98,727	98,244	93,568	96,781	98,000	98,000
Indonesia	38,500	38,300	37,800	37,500	37,400	37,300
Japan	8,380	8,600	8,600	8,500	8,450	8,450
Korea, South	4,422	4,197	4,212	4,728	4,650	4,800
Nepal	3,831	3,770	3,353	3,754	3,850	3,850
Nigeria	5,800	5,900	6,000	6,100	6,200	6,200
Philippines	12,850	13,000	12,900	12,900	12,900	12,900
Thailand	10,600	10,000	9,100	12,000	11,500	11,500
Vietnam	22,000	22,000	22,500	21,800	22,300	22,100
Others	61,180	61,694	62,414	65,321	66,633	67,087
Subtotal	471,265	469,130	464,150	477,159	476,711	477,103
United States	3,978	4,284	3,580	4,171	3,652	3,652
World Total	475,243	473,414	467,730	481,330	480,363	480,755
Ending Stocks						
China	60,500	69,000	78,500	86,500	92,500	94,500
Egypt	610	924	924	1,474	1,324	1,324
India	22,800	17,800	18,400	20,550	18,450	18,450
Indonesia	5,501	4,111	3,509	3,439	3,619	3,419
Japan	3,007	2,821	2,552	2,462	2,237	2,237
Philippines	1,695	2,410	2,110	1,996	1,996	1,996
Thailand	11,999	11,270	8,403	4,853	3,803	3,803
Others	14,890	17,881	16,738	15,275	14,060	14,014
Subtotal	121,002	126,217	131,136	136,549	137,989	139,743
United States	1,025	1,552	1,475	1,462	950	982
World Total	122,027	127,769	132,611	138,011	138,939	140,725

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	Nov 2017/18	Dec 2017/18
TY Imports						
North America	1,801	1,838	1,855	1,980	1,980	1,980
Caribbean	911	1,174	1,135	1,245	1,235	1,235
South America	1,814	1,686	2,014	1,881	1,656	1,656
Other Europe	132	128	136	140	140	140
Former Soviet Union - 12	626	571	457	566	535	555
Middle East	6,711	6,464	5,716	6,695	6,605	6,605
North Africa	470	396	483	565	435	485
Sub-Saharan Africa	12,658	11,355	12,129	13,915	13,750	14,280
East Asia	6,044	6,686	6,097	6,946	6,896	6,896
South Asia	2,576	1,693	945	3,110	2,600	2,600
Southeast Asia	5,023	5,677	3,883	3,430	4,155	3,955
Others	2,392	2,531	2,768	2,725	2,700	2,735
Total	41,158	40,199	37,618	43,198	42,687	43,122
Production						
North America	6,248	7,285	6,289	7,294	5,849	5,849
Caribbean	1,054	979	869	884	933	933
South America	16,354	16,550	15,391	16,558	16,357	16,280
European Union - 28	1,937	1,954	2,050	2,068	2,083	2,090
Former Soviet Union - 12	1,205	1,185	1,262	1,261	1,247	1,222
Middle East	2,417	2,245	2,392	2,455	2,475	2,475
North Africa	4,776	4,553	4,044	4,837	4,340	4,340
Sub-Saharan Africa	14,387	15,193	15,701	16,397	16,025	16,025
East Asia	157,701	159,486	160,179	159,571	158,194	160,266
South Asia	154,255	153,156	152,263	157,145	153,875	153,875
Southeast Asia	116,867	115,367	111,317	116,957	118,471	118,821
Others	1,339	1,203	815	1,303	1,346	1,293
Total	478,540	479,156	472,572	486,730	481,195	483,469
Domestic Consumption						
North America	5,217	5,522	4,814	5,447	4,932	4,942
Central America	1,195	1,199	1,301	1,316	1,321	1,342
Caribbean	1,992	2,051	2,004	2,084	2,203	2,203
South America	14,578	14,738	14,782	14,990	15,130	15,133
European Union - 28	3,250	3,400	3,550	3,650	3,750	3,750
Former Soviet Union - 12	1,605	1,507	1,508	1,599	1,572	1,582
Middle East	9,140	9,000	8,562	8,928	9,215	9,215
North Africa	4,452	4,407	4,279	4,774	4,825	4,875
Sub-Saharan Africa	26,514	27,141	27,701	29,427	29,746	30,096
East Asia	156,184	156,400	156,433	157,748	158,365	158,515
South Asia	143,331	143,183	138,819	142,381	143,875	144,075
Southeast Asia	102,763	102,357	101,520	103,331	103,276	102,976
Others	717	558	553	575	575	585
Total	470,938	471,463	465,826	476,250	478,785	479,289
Ending Stocks						
North America	1,184	1,717	1,602	1,633	1,146	1,178
Central America	212	229	277	303	273	293
Caribbean	264	223	234	191	146	146
South America	1,819	2,187	1,579	1,761	1,541	1,655
European Union - 28	1,163	1,151	1,183	1,115	1,083	1,075
Middle East	1,777	1,742	1,134	1,299	1,114	1,114
North Africa	610	924	924	1,474	1,324	1,324
Sub-Saharan Africa	3,001	3,215	2,737	2,709	2,448	2,493
East Asia	64,694	73,483	83,126	90,966	96,494	98,381
South Asia	24,920	21,428	21,571	23,076	21,021	20,871
Southeast Asia	21,976	21,060	18,008	13,099	11,954	11,804
Oceania	241	223	77	228	263	259
Others	166	187	159	157	132	132
Total	122,027	127,769	132,611	138,011	138,939	140,725

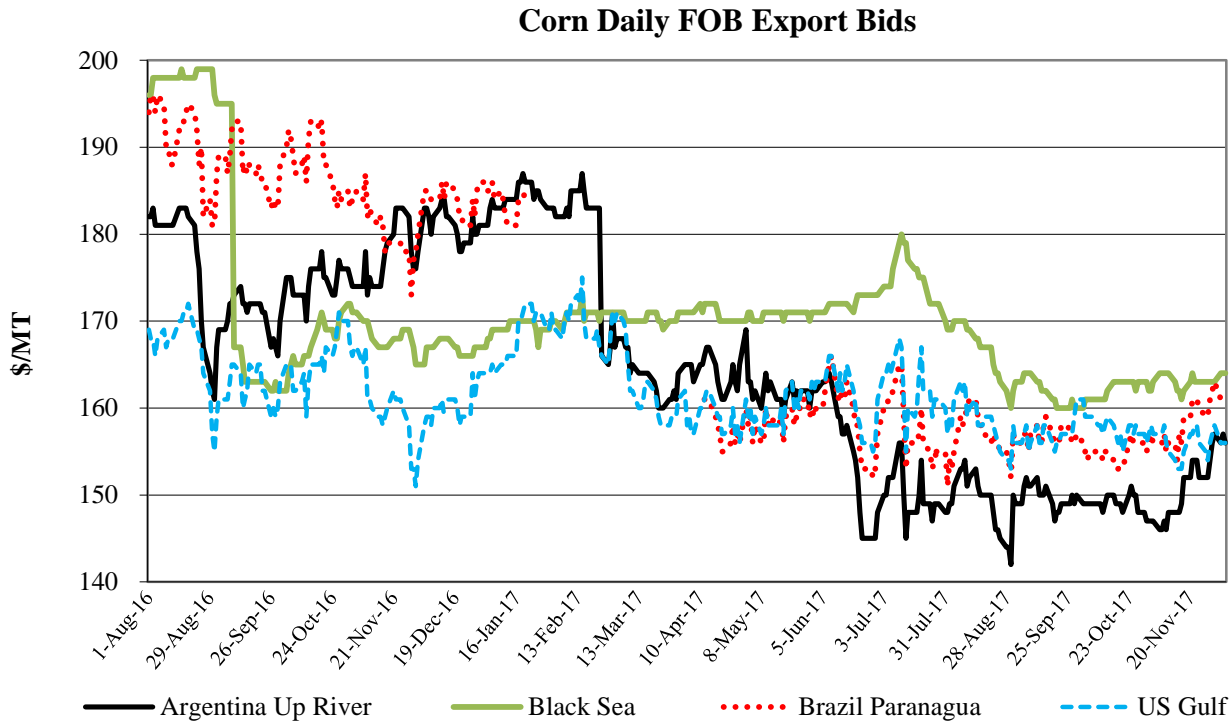
NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

COARSE GRAINS: WORLD MARKETS AND TRADE

OVERVIEW

There are few changes this month for the 2017/18 global corn use. Corn production is up marginally with gains for China, the European Union, Laos, and Guatemala more than offsetting a reduction for Russia. Global corn trade is mostly unchanged. The U.S. season-average farm price remains unchanged at \$3.20 per bushel.

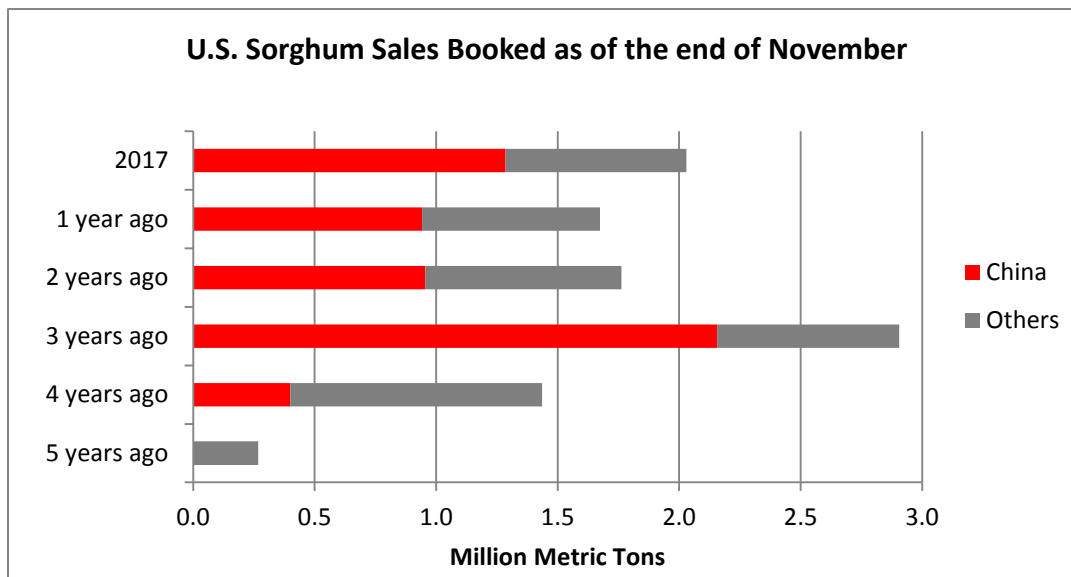
PRICES



Global corn prices trended upward from last month's WASDE mainly amid weather concerns and seasonality. Argentine bids surged \$10/ton to \$156 and Brazilian bids were up \$5/ton to \$161 with tight nearby supplies. Black Sea bids were unchanged at \$164. U.S. quotes dropped slightly (\$1/ton) to \$156.

FEATURE

U.S. Sorghum Sales Bode Well for 2017/18 Exports



From September to November in 2017/18, U.S. sorghum sales totaled about 2.0 million tons or one-third of the export forecast reflecting strong overseas demand. Sales to reported destinations are up substantially from a year ago, driven by China, while sales to “Others” are mainly comprised of undeclared destinations and are up modestly from last year.

Most U.S. sorghum is destined to feed-deficit southern China, where animal production is concentrated and feed demand runs high. The uptick in sales indicates a need for competitively-priced alternative feedstuffs as domestic corn prices, in both the surplus North and deficit South, remain higher than world market prices. Unlike corn, sorghum imports are neither subject to tariff-rate quotas, nor have any biotech varieties.

Meanwhile, the uptick in sales leaves little room in the U.S. sorghum balance sheet with the forecast of tight ending stocks. In March, the USDA *Prospective Plantings* report will give an indication of how U.S. producers will respond to these market dynamics.

TRADE CHANGES IN 2017/18

Selected Exporters

- **U.S. sorghum** is boosted sharply by 1.3 million tons to 6.7 million on strong sales and shipments primarily to China. Accordingly, **China’s** sorghum imports are raised 1.3 million tons to 6.3 million.

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- **EU corn** is raised 500,000 tons to 2.0 million on expectations for Romania to replace Russia's trade to Vietnam, Turkey, and Lebanon.
 - **Russia corn** is cut 500,000 tons to 5.0 million on lower production based on reported harvest results to date.

Selected Importers

- **Brazil corn** is up 400,000 tons to 700,000 reflecting strong imports during October and November from Paraguay to southern Brazil.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
TY Exports						
Argentina	16,630	21,003	25,290	26,105	29,305	29,305
Australia	7,004	7,286	6,389	10,273	6,725	6,725
Brazil	22,059	21,954	35,415	19,800	36,015	36,015
Canada	5,482	3,604	4,693	4,997	4,750	4,750
European Union	7,841	15,068	10,975	8,174	8,005	8,505
Mexico	501	792	1,559	1,539	1,300	1,300
Paraguay	2,718	3,031	2,677	1,772	2,515	2,515
Russia	7,074	9,155	8,465	9,261	10,360	9,860
South Africa	2,128	762	764	2,135	1,910	1,910
Ukraine	24,125	24,208	21,457	26,868	25,310	25,410
Others	13,004	10,589	7,906	8,894	6,660	6,670
Subtotal	108,566	117,452	125,590	119,818	132,855	132,965
United States	56,776	56,419	59,230	61,798	54,115	55,365
World Total	165,342	173,871	184,820	181,616	186,970	188,330
TY Imports						
Algeria	4,946	4,863	5,224	4,675	5,425	5,425
Bangladesh	488	482	1,042	1,176	1,100	1,100
Brazil	1,184	1,023	2,121	3,176	950	1,350
Chile	1,621	1,707	1,744	1,538	2,220	2,180
China	12,445	25,699	17,499	16,055	14,700	16,000
Colombia	4,795	4,747	4,824	5,034	5,335	5,335
Dominican Republic	1,011	1,202	1,351	1,294	1,400	1,400
Egypt	8,840	7,938	8,795	8,792	10,100	10,100
European Union	16,355	9,408	14,287	15,909	16,555	16,705
Iran	6,600	8,000	8,300	9,900	11,300	11,300
Israel	2,072	1,601	1,505	1,925	1,795	1,785
Japan	17,501	16,726	17,070	16,999	16,720	16,720
Jordan	1,443	1,448	1,713	1,588	1,700	1,700
Kenya	444	717	309	1,106	1,300	1,300
Korea, South	10,499	10,245	10,192	9,296	9,770	9,770
Libya	1,493	1,685	1,905	2,125	2,100	2,100
Malaysia	3,485	3,221	4,080	3,528	4,000	4,000
Mexico	11,312	11,640	14,881	15,238	16,900	16,900
Morocco	2,858	2,217	3,182	2,526	3,000	3,000
Peru	2,336	2,863	3,083	3,359	3,420	3,420
Saudi Arabia	11,332	11,115	13,992	12,930	13,010	13,010
Taiwan	4,346	3,938	4,781	4,267	4,600	4,600
Tunisia	1,449	1,525	1,713	1,745	1,900	1,900
Venezuela	2,627	2,433	1,738	1,240	1,600	1,600
Vietnam	4,300	6,700	8,600	8,500	9,500	9,500
Others	20,298	22,869	22,190	21,912	18,776	18,656
Subtotal	156,080	166,012	176,121	175,833	179,176	180,856
Unaccounted	5,939	4,563	4,718	2,361	4,244	3,874
United States	3,323	3,296	3,981	3,422	3,550	3,600
World Total	165,342	173,871	184,820	181,616	186,970	188,330

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
Production						
Argentina	35,665	36,782	38,439	48,569	49,004	49,004
Australia	12,158	12,605	12,544	16,884	11,426	11,496
Brazil	82,634	87,671	68,649	101,575	97,601	97,786
Canada	28,745	21,992	25,619	25,794	25,555	26,205
China	225,062	222,405	231,402	227,439	223,040	223,931
Ethiopia	13,078	14,442	13,035	12,700	13,035	13,035
European Union	159,212	170,670	152,665	152,591	150,431	150,795
India	43,216	43,076	38,701	44,350	42,240	42,240
Indonesia	9,100	9,000	10,500	10,900	11,350	11,350
Mexico	32,065	32,689	32,378	33,315	31,625	31,625
Nigeria	14,633	18,917	16,681	19,335	18,850	18,850
Russia	35,735	40,386	37,427	40,765	43,300	42,300
South Africa	15,518	11,110	8,675	18,037	12,948	12,963
Turkey	13,074	9,393	14,243	10,893	13,043	13,043
Ukraine	40,022	39,389	33,387	39,255	34,990	34,990
Others	156,261	164,582	158,877	161,306	160,741	160,931
Subtotal	916,178	935,109	893,222	963,708	939,179	940,544
United States	367,089	377,234	367,009	402,612	383,372	383,372
World Total	1,283,267	1,312,343	1,260,231	1,366,320	1,322,551	1,323,916
Domestic Consumption						
Argentina	13,695	14,232	14,321	16,234	17,384	17,384
Brazil	58,053	60,009	59,823	64,032	64,750	64,892
Canada	22,345	21,290	21,251	21,652	22,945	23,245
China	223,196	228,709	238,740	252,940	260,080	261,380
Egypt	14,122	14,832	15,803	16,027	16,858	16,858
European Union	164,401	162,592	157,250	160,690	160,100	160,100
India	37,600	40,450	40,170	43,000	43,550	43,550
Iran	11,320	12,020	13,820	15,620	17,720	17,720
Japan	17,570	16,874	17,257	17,246	17,062	17,062
Mexico	40,935	42,175	44,715	46,895	48,190	48,190
Nigeria	14,668	18,776	16,641	19,530	19,150	19,150
Russia	28,219	31,139	29,715	32,125	32,800	32,600
Saudi Arabia	11,411	11,905	14,105	13,425	14,605	14,605
Turkey	13,414	13,023	14,093	13,093	13,518	13,518
Vietnam	8,200	9,400	12,200	12,900	13,400	13,400
Others	244,110	251,643	250,179	255,417	255,411	255,481
Subtotal	931,155	965,467	942,349	1,028,894	1,023,107	1,024,793
United States	305,044	311,339	312,597	327,435	329,282	329,282
World Total	1,236,199	1,276,806	1,254,946	1,356,329	1,352,389	1,354,075
Ending Stocks						
Argentina	3,169	4,274	3,179	6,912	7,336	7,332
Brazil	14,265	8,235	7,008	10,036	9,413	9,765
Canada	4,648	3,334	4,643	4,914	3,875	4,184
China	82,544	101,917	112,051	102,494	80,074	80,965
European Union	15,565	18,885	15,452	15,119	13,589	14,014
Iran	5,094	7,134	7,174	7,114	6,354	6,354
Mexico	3,487	4,832	5,889	6,011	5,216	5,046
Others	48,500	51,563	48,899	47,586	40,473	40,346
Subtotal	177,272	200,174	204,295	200,186	166,330	168,006
United States	34,313	46,948	48,112	62,212	65,452	64,233
World Total	211,585	247,122	252,407	262,398	231,782	232,239

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	Nov 2017/18	Dec 2017/18
TY Imports						
North America	15,349	16,649	19,953	19,579	21,510	21,560
Central America	2,923	3,456	3,938	3,799	4,100	4,000
Caribbean	2,330	2,444	2,597	2,659	2,840	2,840
South America	13,180	13,355	13,876	14,968	14,300	14,660
European Union - 28	16,355	9,408	14,287	15,909	16,555	16,705
Former Soviet Union - 12	807	745	548	828	720	720
Middle East	26,241	27,608	29,730	31,469	31,785	31,775
North Africa	19,586	18,228	20,819	19,863	22,525	22,525
Sub-Saharan Africa	3,134	4,169	6,133	6,650	4,260	4,240
East Asia	44,865	56,655	49,576	46,709	45,840	47,140
Southeast Asia	12,814	14,719	15,757	13,944	15,115	15,115
Others	1,819	1,872	2,888	2,878	3,176	3,176
Total	159,403	169,308	180,102	179,255	182,726	184,456
Production						
North America	427,899	431,915	425,006	461,721	440,552	441,202
South America	133,041	139,745	123,257	163,349	160,612	160,627
European Union - 28	159,212	170,670	152,665	152,591	150,431	150,795
Other Europe	8,992	10,927	9,271	11,328	7,337	7,337
Former Soviet Union - 12	87,859	91,821	82,551	92,187	90,849	89,849
Middle East	22,274	17,931	23,165	19,700	21,756	21,681
North Africa	11,581	10,927	12,289	9,263	10,807	10,807
Sub-Saharan Africa	101,908	110,183	98,317	113,318	108,543	108,558
East Asia	227,452	225,083	233,945	230,094	225,612	226,503
South Asia	54,221	54,182	50,176	56,411	54,774	54,774
Southeast Asia	31,006	30,949	31,992	33,991	34,583	34,808
Oceania	12,794	13,283	13,236	17,459	11,996	12,066
Others	5,028	4,727	4,361	4,908	4,699	4,909
Total	1,283,267	1,312,343	1,260,231	1,366,320	1,322,551	1,323,916
Domestic Consumption						
North America	368,324	374,804	378,563	395,982	400,417	400,717
South America	95,335	98,567	98,718	103,585	107,008	107,045
European Union - 28	164,401	162,592	157,250	160,690	160,100	160,100
Other Europe	7,803	8,347	8,651	8,917	8,047	8,047
Former Soviet Union - 12	56,361	58,273	53,430	55,914	55,844	55,524
Middle East	45,989	45,620	51,726	51,783	55,074	54,989
North Africa	28,059	30,168	32,142	31,408	33,183	33,183
Sub-Saharan Africa	100,887	110,148	104,871	113,506	111,181	111,091
East Asia	257,340	262,458	272,906	286,344	294,000	295,300
South Asia	48,965	52,095	53,185	56,500	57,704	57,704
Southeast Asia	39,043	41,183	43,943	45,857	46,600	46,900
Oceania	5,754	5,846	6,429	6,479	6,111	6,131
Others	10,042	10,307	10,866	11,296	11,536	11,686
Total	1,228,303	1,260,408	1,272,680	1,328,261	1,346,805	1,348,417
Ending Stocks						
North America	42,448	55,114	58,644	73,137	74,543	73,463
South America	21,527	15,967	14,652	20,591	20,150	20,503
European Union - 28	15,565	18,885	15,452	15,119	13,589	14,014
Other Europe	818	1,102	910	1,599	989	989
Former Soviet Union - 12	7,399	7,916	6,246	6,703	5,824	5,478
Middle East	11,819	12,617	14,302	13,451	11,630	11,673
North Africa	5,703	5,412	5,875	3,691	4,059	3,830
Sub-Saharan Africa	9,321	12,192	9,011	10,022	8,748	8,649
East Asia	86,556	105,819	116,410	106,720	84,128	84,983
South Asia	4,025	5,187	3,156	4,305	2,879	2,901
Southeast Asia	4,324	4,149	5,021	3,830	3,134	3,428
Oceania	1,119	1,639	1,594	2,036	1,040	1,091
Others	961	1,123	1,134	1,194	1,069	1,237
Total	211,585	247,122	252,407	262,398	231,782	232,239

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
TY Exports						
Argentina	12,846	18,448	21,678	22,951	27,000	27,000
Brazil	22,041	21,909	35,382	19,794	36,000	36,000
Burma	1,100	1,250	1,000	1,100	1,200	1,200
Canada	1,939	395	1,767	1,538	1,300	1,300
European Union	2,404	4,027	1,949	2,171	1,500	2,000
Mexico	501	784	1,559	1,539	1,300	1,300
Paraguay	2,714	3,012	2,662	1,757	2,500	2,500
Russia	4,194	3,213	4,691	5,589	5,500	5,000
South Africa	2,104	746	759	2,110	1,900	1,900
Ukraine	20,004	19,661	16,595	21,334	20,500	20,500
Others	10,292	8,114	5,666	6,223	4,215	4,215
Subtotal	80,139	81,559	93,708	86,106	102,915	102,915
United States	50,691	46,831	51,156	55,535	48,500	48,500
World Total	130,830	128,390	144,864	141,641	151,415	151,415
TY Imports						
Algeria	4,156	4,116	4,329	4,000	4,700	4,700
Bangladesh	488	482	1,042	1,176	1,100	1,100
Canada	678	1,536	949	827	1,000	1,000
Chile	1,456	1,516	1,539	1,484	2,000	2,000
China	3,277	5,516	3,174	2,464	3,000	3,000
Colombia	4,436	4,496	4,458	4,748	5,000	5,000
Cuba	928	886	853	964	1,000	1,000
Dominican Republic	1,011	1,202	1,351	1,294	1,400	1,400
Egypt	8,791	7,839	8,722	8,773	10,000	10,000
European Union	16,014	8,908	13,794	15,249	16,000	16,000
Guatemala	767	881	1,027	951	1,100	1,000
Iran	5,500	6,100	6,600	8,500	10,000	10,000
Israel	1,651	1,294	1,152	1,515	1,400	1,400
Japan	15,121	14,657	15,201	15,169	15,000	15,000
Kenya	350	600	200	976	1,200	1,200
Korea, South	10,406	10,168	10,121	9,231	9,700	9,700
Malaysia	3,485	3,221	4,080	3,528	4,000	4,000
Mexico	10,949	11,341	14,011	14,569	16,500	16,500
Morocco	2,349	1,941	2,224	2,164	2,500	2,500
Peru	2,232	2,741	2,985	3,169	3,300	3,300
Saudi Arabia	2,684	2,904	3,583	3,420	4,500	4,500
Taiwan	4,179	3,810	4,656	4,163	4,500	4,500
Tunisia	993	1,042	1,017	1,244	1,300	1,300
Venezuela	2,626	2,433	1,738	1,238	1,600	1,600
Vietnam	4,300	6,700	8,600	8,500	9,500	9,500
Others	16,863	18,490	19,178	19,493	15,035	15,435
Subtotal	125,690	124,820	136,584	138,809	146,335	146,635
Unaccounted	4,413	2,761	6,498	1,382	3,780	3,480
United States	727	809	1,782	1,450	1,300	1,300
World Total	130,830	128,390	144,864	141,641	151,415	151,415

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
Production						
Argentina	26,000	29,750	29,500	41,000	42,000	42,000
Brazil	80,000	85,000	67,000	98,500	95,000	95,000
Canada	14,194	11,487	13,559	13,193	14,100	14,100
China	218,489	215,646	224,632	219,554	215,000	215,891
Egypt	5,800	5,960	6,000	6,000	6,000	6,000
Ethiopia	6,492	7,235	6,800	6,350	6,500	6,500
European Union	64,931	75,734	58,748	61,453	59,585	60,091
India	24,259	24,170	22,570	26,260	25,000	25,000
Indonesia	9,100	9,000	10,500	10,900	11,350	11,350
Mexico	22,880	25,480	25,971	27,565	26,200	26,200
Nigeria	8,423	10,791	9,540	10,755	10,500	10,500
Philippines	7,532	7,671	6,970	8,087	8,300	8,300
Russia	11,635	11,325	13,168	15,305	15,000	14,000
South Africa	14,925	10,629	8,214	17,475	12,500	12,500
Ukraine	30,900	28,450	23,333	28,000	25,000	25,000
Others	99,318	103,933	101,441	100,375	101,579	102,034
Subtotal	644,878	662,261	627,946	690,772	673,614	674,466
United States	351,272	361,091	345,506	384,778	370,286	370,286
World Total	996,150	1,023,352	973,452	1,075,550	1,043,900	1,044,752
Total Consumption						
Argentina	8,800	9,300	9,300	11,200	12,500	12,500
Brazil	55,000	57,000	57,500	60,500	61,500	61,500
Canada	12,675	12,820	12,381	12,700	14,000	14,000
China	208,000	202,000	217,500	232,000	240,000	240,000
Egypt	13,200	13,900	14,850	15,100	15,900	15,900
European Union	76,796	77,880	73,500	73,700	74,700	74,800
India	19,600	22,350	23,550	25,000	25,800	25,800
Indonesia	11,900	12,200	12,100	12,300	12,200	12,200
Iran	6,800	7,400	8,800	10,800	13,100	13,100
Japan	15,000	14,600	15,200	15,200	15,100	15,100
Korea, South	9,891	10,250	10,123	9,410	9,800	9,800
Mexico	31,700	34,550	37,300	40,400	42,300	42,300
Nigeria	8,500	10,700	9,600	11,050	10,900	10,900
South Africa	11,500	11,650	10,970	13,125	11,700	11,700
Vietnam	8,200	9,400	12,200	12,900	13,400	13,400
Others	157,559	162,691	164,186	165,935	170,917	170,837
Subtotal	661,861	686,099	669,500	749,307	748,854	748,974
United States	292,958	301,792	298,785	313,812	317,769	319,039
World Total	954,819	987,891	968,285	1,063,119	1,066,623	1,068,013
Ending Stocks						
Argentina	1,408	2,898	1,459	5,762	6,271	6,267
Brazil	13,972	7,842	6,769	9,569	9,069	9,369
China	81,323	100,472	110,774	100,715	78,665	79,556
European Union	6,891	9,626	6,719	7,550	6,473	6,841
Iran	4,476	5,716	6,056	6,296	5,736	5,736
Mexico	2,603	4,090	5,213	5,408	4,678	4,508
South Africa	2,198	2,448	1,096	2,996	2,196	2,196
Others	30,116	32,674	32,698	30,747	27,587	27,689
Subtotal	142,987	165,766	170,784	169,043	140,675	142,162
United States	31,292	43,974	44,123	58,295	63,185	61,915
World Total	174,279	209,740	214,907	227,338	203,860	204,077

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	Nov 2017/18	Dec 2017/18
TY Imports						
North America	12,354	13,686	16,742	16,846	18,800	18,800
Central America	2,922	3,456	3,938	3,799	4,100	4,000
South America	12,025	12,042	12,462	13,609	12,870	13,270
European Union - 28	16,014	8,908	13,794	15,249	16,000	16,000
Former Soviet Union - 12	452	500	361	374	445	445
Middle East	13,438	15,157	14,886	17,714	20,000	20,000
North Africa	17,101	15,622	16,873	16,881	19,300	19,300
Sub-Saharan Africa	2,488	3,323	5,408	5,876	3,380	3,380
East Asia	33,057	34,198	33,186	31,119	32,250	32,250
Southeast Asia	12,768	14,705	15,741	13,927	15,100	15,100
Caribbean	2,330	2,444	2,597	2,657	2,840	2,840
Others	1,468	1,588	2,378	2,208	2,550	2,550
Total	126,417	125,629	138,366	140,259	147,635	147,935
Production						
North America	388,346	398,058	385,036	425,536	410,586	410,586
South America	118,260	127,572	110,079	149,973	148,181	148,181
European Union - 28	64,931	75,734	58,748	61,453	59,585	60,091
Other Europe	7,297	9,132	7,427	9,407	5,484	5,484
Former Soviet Union - 12	47,034	43,951	39,872	47,299	44,250	43,250
Middle East	8,763	7,785	9,213	8,587	9,128	9,128
North Africa	5,919	6,058	6,096	6,130	6,201	6,201
Sub-Saharan Africa	64,995	67,271	60,982	69,293	67,769	67,769
East Asia	220,582	217,995	226,883	221,908	217,259	218,150
South Asia	34,100	34,100	32,861	37,063	36,286	36,286
Central America	3,878	3,588	3,278	3,789	3,600	3,810
Southeast Asia	30,724	30,655	31,697	33,701	34,293	34,518
Others	1,321	1,453	1,280	1,411	1,278	1,298
Total	996,150	1,023,352	973,452	1,075,550	1,043,900	1,044,752
Domestic Consumption						
North America	337,333	349,162	348,466	366,912	374,069	375,339
South America	84,206	87,426	88,171	91,908	95,405	95,405
European Union - 28	76,796	77,880	73,500	73,700	74,700	74,800
Other Europe	5,897	6,297	6,622	6,878	5,995	5,995
Former Soviet Union - 12	21,755	20,807	19,325	19,984	19,160	18,660
Middle East	19,966	21,738	23,502	25,978	29,480	29,480
North Africa	20,800	22,100	22,990	23,420	25,200	25,200
Sub-Saharan Africa	63,399	67,580	66,127	68,992	69,332	69,282
East Asia	239,185	233,127	249,279	263,066	271,650	271,650
South Asia	29,782	32,773	35,140	37,190	38,590	38,590
Southeast Asia	38,754	40,849	43,634	45,547	46,300	46,600
Central America	6,625	6,760	7,180	7,520	7,590	7,740
Others	3,581	3,984	3,909	4,037	4,115	4,135
Total	948,079	970,483	987,845	1,035,132	1,061,586	1,062,876
Ending Stocks						
North America	35,495	49,466	51,549	65,744	69,741	68,264
South America	19,028	13,813	12,332	18,620	18,408	18,761
European Union - 28	6,891	9,626	6,719	7,550	6,473	6,841
Other Europe	529	896	796	1,449	884	888
Former Soviet Union - 12	2,684	3,164	2,593	3,105	2,418	2,380
Middle East	5,970	7,050	7,492	7,553	7,114	7,106
North Africa	3,175	3,259	2,988	2,446	2,955	2,737
Sub-Saharan Africa	7,358	9,349	7,046	8,088	7,129	7,045
East Asia	84,864	103,922	114,710	104,558	82,404	83,258
South Asia	2,937	3,834	2,444	3,133	2,104	2,104
Southeast Asia	4,318	4,143	5,015	3,830	3,134	3,428
Central America	634	759	791	851	746	906
Others	396	459	432	411	350	359
Total	174,279	209,740	214,907	227,338	203,860	204,077

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
TY Exports						
Argentina	2,829	1,599	2,836	2,696	1,700	1,700
Australia	6,261	5,266	5,401	9,193	5,800	5,800
Canada	1,714	1,386	1,147	1,770	1,500	1,500
European Union	4,926	10,642	8,644	5,683	6,200	6,200
Kazakhstan	596	479	807	823	600	600
Moldova	26	81	59	143	75	125
Russia	2,791	5,807	3,735	3,629	4,800	4,800
Serbia	18	37	33	33	50	50
Turkey	9	4	0	20	150	150
Ukraine	3,827	4,332	4,673	5,337	4,600	4,700
Others	589	170	92	196	105	85
Subtotal	23,586	29,803	27,427	29,523	25,580	25,710
United States	336	291	161	125	130	130
World Total	23,922	30,094	27,588	29,648	25,710	25,840
TY Imports						
Algeria	778	723	864	650	700	700
Belarus	11	1	7	109	100	100
Brazil	337	489	551	737	650	650
China	4,891	9,859	5,869	8,104	6,500	6,500
Colombia	253	249	301	285	280	280
Egypt	46	98	72	14	100	100
European Union	58	269	315	447	350	500
India	1	2	67	400	300	300
Iran	1,100	1,900	1,700	1,400	1,300	1,300
Israel	304	278	319	376	350	350
Japan	1,294	1,097	1,154	1,197	1,100	1,100
Jordan	997	759	902	759	700	700
Kuwait	436	412	511	400	200	200
Libya	681	1,001	1,324	1,425	1,300	1,300
Mexico	108	184	132	2	100	100
Morocco	471	276	958	358	500	500
Saudi Arabia	8,500	8,200	10,400	9,500	8,500	8,500
Syria	100	20	20	250	150	150
Tunisia	456	483	696	501	600	600
United Arab Emirates	468	393	668	400	400	400
Others	1,739	1,709	1,167	1,618	1,006	966
Subtotal	23,029	28,402	27,997	28,932	25,186	25,296
Unaccounted	370	1,262	-761	499	174	194
United States	523	430	352	217	350	350
World Total	23,922	30,094	27,588	29,648	25,710	25,840

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
Production						
Argentina	4,750	2,900	4,940	3,300	2,750	2,750
Australia	9,174	8,646	8,993	13,414	8,000	8,000
Belarus	1,674	1,988	1,849	1,253	1,900	1,900
Canada	10,237	7,119	8,226	8,784	7,250	7,900
China	1,700	1,810	1,870	2,000	2,100	2,100
Ethiopia	1,908	1,953	1,950	2,050	2,070	2,070
European Union	59,674	60,609	62,095	59,860	58,963	58,680
India	1,752	1,831	1,613	1,900	1,740	1,740
Iran	2,800	3,200	3,000	3,000	3,100	3,100
Iraq	944	1,000	1,550	1,550	1,325	1,325
Kazakhstan	2,539	2,412	2,675	3,231	2,700	2,700
Morocco	2,723	1,638	3,400	620	2,000	2,000
Russia	15,389	20,026	17,083	17,547	20,500	20,500
Turkey	7,300	4,000	7,400	4,750	6,400	6,400
Ukraine	7,561	9,450	8,751	9,900	8,700	8,700
Others	9,459	9,179	9,495	9,666	9,072	8,908
Subtotal	139,584	137,761	144,890	142,825	138,570	138,773
United States	4,719	3,953	4,750	4,353	3,090	3,090
World Total	144,303	141,714	149,640	147,178	141,660	141,863
Total Consumption						
Algeria	2,050	2,050	2,150	2,050	1,850	1,850
Australia	2,800	3,000	3,300	3,500	3,000	3,000
Belarus	1,800	2,000	1,850	1,400	2,000	2,000
Canada	7,718	6,471	6,960	6,762	6,700	7,000
China	6,300	11,600	7,900	9,800	8,900	8,900
Ethiopia	1,925	1,975	1,990	2,025	2,075	2,075
European Union	53,400	50,937	51,375	55,000	53,600	53,500
India	1,200	1,400	1,520	2,200	2,050	2,050
Iran	4,500	4,600	5,000	4,800	4,600	4,600
Kazakhstan	1,900	2,000	2,000	2,250	2,200	2,200
Morocco	2,300	2,638	3,350	2,200	2,450	2,450
Russia	12,700	14,100	13,700	14,700	15,400	15,700
Saudi Arabia	8,625	8,525	10,225	9,525	9,825	9,825
Turkey	6,950	5,350	6,900	5,600	5,900	5,900
Ukraine	5,100	5,500	4,300	4,900	4,400	4,300
Others	17,029	16,765	18,575	18,529	17,698	17,528
Subtotal	136,133	138,075	143,191	144,842	142,849	143,124
United States	4,775	4,235	4,408	4,375	4,290	4,290
World Total	140,908	142,310	147,599	149,217	147,139	147,414
Ending Stocks						
Algeria	1,178	1,304	1,313	899	717	717
Canada	1,950	1,217	1,449	2,028	1,115	1,478
European Union	5,621	5,834	6,060	5,649	5,207	5,129
Russia	880	1,522	741	853	1,203	903
Saudi Arabia	3,389	3,074	4,059	4,044	2,729	2,729
Turkey	899	332	961	361	761	761
Ukraine	2,071	1,565	1,609	1,263	968	968
Others	7,200	7,824	8,009	6,972	4,815	4,815
Subtotal	23,188	22,672	24,201	22,069	17,515	17,500
United States	1,791	1,711	2,223	2,316	1,334	1,334
World Total	24,979	24,383	26,424	24,385	18,849	18,834

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	Nov 2017/18	Dec 2017/18
TY Imports						
North America	640	779	615	293	500	500
South America	886	1,169	1,157	1,275	1,155	1,115
European Union - 28	58	269	315	447	350	500
Other Europe	158	124	81	121	120	120
Former Soviet Union - 12	348	239	162	436	265	265
Middle East	12,537	12,399	14,798	13,701	11,725	11,725
North Africa	2,432	2,581	3,914	2,948	3,200	3,200
Sub-Saharan Africa	116	138	31	75	135	135
East Asia	6,320	11,080	7,136	9,413	7,710	7,710
South Asia	11	22	133	415	351	351
Oceania	46	32	7	25	25	25
Total	23,552	28,832	28,349	29,149	25,536	25,646
Production						
North America	15,550	11,918	13,711	14,115	11,075	11,725
South America	5,743	3,794	5,924	4,714	4,021	3,842
European Union - 28	59,674	60,609	62,095	59,860	58,963	58,680
Other Europe	1,228	1,241	1,258	1,333	1,286	1,286
Former Soviet Union - 12	29,145	35,637	32,633	34,136	35,858	35,858
Middle East	12,043	8,653	12,558	9,725	11,235	11,235
North Africa	4,739	3,913	5,275	2,203	3,676	3,676
Sub-Saharan Africa	2,349	2,423	2,482	2,604	2,535	2,550
East Asia	1,991	2,134	2,158	2,297	2,409	2,409
South Asia	2,261	2,340	2,116	2,432	2,262	2,262
Oceania	9,580	9,052	9,430	13,759	8,340	8,340
Total	144,303	141,714	149,640	147,178	141,660	141,863
Domestic Consumption						
North America	13,243	11,556	12,293	12,087	11,890	12,190
South America	3,528	3,403	3,603	3,474	3,495	3,365
European Union - 28	53,400	50,937	51,375	55,000	53,600	53,500
Other Europe	1,334	1,414	1,373	1,404	1,387	1,387
Former Soviet Union - 12	23,460	25,524	24,002	25,511	26,218	26,398
Middle East	24,410	22,186	26,775	24,366	24,136	24,136
North Africa	6,282	7,120	8,203	7,032	7,028	7,028
Sub-Saharan Africa	2,453	2,471	2,595	2,633	2,700	2,680
East Asia	8,009	13,162	9,481	11,441	10,486	10,486
South Asia	1,713	1,923	2,053	2,768	2,638	2,638
Oceania	3,240	3,450	3,750	3,900	3,360	3,360
Total	141,072	143,146	145,503	149,616	146,938	147,168
Ending Stocks						
North America	3,974	3,326	4,058	4,759	2,799	3,162
South America	822	742	1,039	602	506	444
European Union - 28	5,621	5,834	6,060	5,649	5,207	5,129
Other Europe	237	160	79	97	70	66
Former Soviet Union - 12	3,670	3,752	2,963	2,812	2,635	2,327
Middle East	5,781	5,508	6,755	5,854	4,477	4,528
North Africa	2,505	2,105	2,838	1,191	1,050	1,039
Sub-Saharan Africa	337	434	339	378	372	383
East Asia	1,038	1,090	904	1,173	805	806
South Asia	247	259	274	374	227	249
Oceania	747	1,173	1,115	1,496	701	701
Total	24,979	24,383	26,424	24,385	18,849	18,834

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
TY Exports						
Argentina	953	954	772	457	600	600
Australia	408	1,701	717	550	600	600
China	11	9	23	34	30	30
Ethiopia	75	75	25	15	20	20
India	88	122	74	30	50	50
Nigeria	50	100	50	100	100	100
Ukraine	229	156	120	164	150	150
Others	219	199	130	248	100	100
Subtotal	2,033	3,316	1,911	1,598	1,650	1,650
United States	5,714	9,269	7,871	6,090	5,450	6,700
World Total	7,747	12,585	9,782	7,688	7,100	8,350
TY Imports						
Chile	109	98	134	42	150	150
China	4,161	10,162	8,284	5,209	5,000	6,300
Colombia	104	0	64	0	50	50
European Union	184	131	119	194	150	150
Japan	1,003	903	649	561	550	550
Kenya	94	117	105	130	100	100
Mexico	162	29	661	548	200	200
South Africa	61	86	120	100	80	80
South Sudan	108	87	19	50	150	150
Sudan	75	120	200	100	200	200
Others	652	416	593	463	350	350
Subtotal	6,713	12,149	10,948	7,397	6,980	8,280
Unaccounted	1,031	409	-1,264	247	120	20
United States	3	27	98	44	0	50
World Total	7,747	12,585	9,782	7,688	7,100	8,350

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
Production						
Argentina	4,400	3,500	3,375	3,400	3,500	3,500
Australia	1,282	2,209	1,791	1,017	1,900	1,900
Brazil	1,890	2,055	1,032	1,865	1,600	1,806
Burkina	1,880	1,708	1,436	1,680	1,800	1,800
Cameroon	1,260	1,150	1,150	1,150	1,150	1,150
Chad	800	922	1,266	1,460	1,100	1,100
China	2,892	2,885	2,750	3,800	3,850	3,850
Ethiopia	3,829	4,339	3,900	3,600	3,765	3,765
India	5,542	5,445	4,238	4,570	4,500	4,500
Mali	820	1,272	1,527	1,394	1,300	1,300
Mexico	8,500	6,270	5,587	4,700	4,600	4,600
Niger	1,320	1,426	1,877	1,808	1,700	1,700
Nigeria	5,300	6,741	5,664	6,887	6,550	6,550
Sudan	4,524	6,281	2,388	5,864	4,500	4,500
Tanzania	832	883	820	800	800	800
Others	7,491	8,131	7,400	7,012	7,383	7,307
Subtotal	52,562	55,217	46,201	51,007	49,998	50,128
United States	9,966	10,988	15,158	12,199	9,033	9,033
World Total	62,528	66,205	61,359	63,206	59,031	59,161
Total Consumption						
Argentina	2,700	2,800	2,900	3,100	2,900	2,900
Australia	905	505	905	605	1,005	1,005
Brazil	2,000	2,000	1,150	1,700	1,650	1,800
Burkina	1,900	1,700	1,465	1,640	1,760	1,760
Cameroon	1,275	1,175	1,175	1,180	1,150	1,150
Chad	900	930	1,270	1,470	1,160	1,160
China	6,800	12,900	11,000	8,800	8,900	10,200
Ethiopia	3,900	4,100	4,100	3,750	3,800	3,800
India	5,200	5,100	4,600	4,500	4,500	4,500
Mali	950	1,200	1,527	1,394	1,350	1,350
Mexico	8,300	6,600	6,300	5,350	4,800	4,800
Niger	1,300	1,450	1,820	1,900	1,850	1,850
Nigeria	5,258	6,691	5,564	6,787	6,450	6,450
South Sudan	790	1,050	830	760	840	840
Sudan	4,600	6,000	3,100	5,814	4,800	4,800
Others	9,028	9,473	8,849	8,176	8,632	8,562
Subtotal	56,911	63,493	56,103	57,181	55,751	57,050
United States	4,130	2,459	6,187	6,210	4,064	2,794
World Total	61,041	65,952	62,290	63,391	59,815	59,844
Ending Stocks						
Argentina	1,202	971	952	852	852	852
Australia	177	252	234	96	191	191
Brazil	152	194	51	215	139	211
China	568	706	717	892	812	812
Mexico	647	338	286	184	184	184
Nigeria	180	130	180	190	190	190
Sudan	357	743	226	301	196	196
Others	1,830	2,428	1,723	1,532	1,288	1,257
Subtotal	5,113	5,762	4,369	4,262	3,852	3,893
United States	864	468	930	852	487	538
World Total	5,977	6,230	5,299	5,114	4,339	4,431

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	Nov 2017/18	Dec 2017/18
TY Imports						
North America	165	56	759	592	200	250
South America	240	114	212	48	235	235
European Union - 28	184	131	119	194	150	150
Other Europe	0	0	0	0	0	0
Middle East	233	24	34	45	30	30
North Africa	41	1	1	5	0	0
Sub-Saharan Africa	511	662	663	675	695	695
East Asia	5,281	11,142	9,011	5,823	5,605	6,905
Southeast Asia	46	14	16	17	15	15
Others	15	32	231	42	50	50
Total	6,716	12,176	11,046	7,441	6,980	8,330
Production						
North America	18,466	17,258	20,745	16,899	13,633	13,633
Central America	327	326	337	326	335	335
Caribbean	94	92	92	91	91	91
South America	7,468	6,967	5,682	6,179	6,222	6,428
European Union - 28	703	887	674	639	665	659
Middle East	706	821	697	695	695	625
North Africa	767	809	752	755	755	755
Sub-Saharan Africa	23,748	28,122	23,208	27,778	25,953	25,953
East Asia	2,895	2,887	2,752	3,802	3,852	3,852
South Asia	5,661	5,548	4,383	4,700	4,630	4,630
Southeast Asia	57	55	55	50	50	50
Oceania	1,282	2,209	1,791	1,017	1,900	1,900
Others	354	224	191	275	250	250
Total	62,528	66,205	61,359	63,206	59,031	59,161
Domestic Consumption						
North America	12,430	9,059	12,487	11,560	8,864	7,594
Central America	317	321	345	321	335	335
Caribbean	94	92	92	93	91	91
South America	6,062	6,362	5,405	5,829	5,866	6,016
European Union - 28	880	995	800	790	800	800
Middle East	828	976	740	742	730	660
North Africa	813	785	752	755	755	755
Sub-Saharan Africa	24,183	27,751	24,383	28,208	26,813	26,813
East Asia	7,951	13,882	11,733	9,417	9,507	10,807
South Asia	5,334	5,235	4,956	4,646	4,680	4,680
Southeast Asia	64	95	69	70	60	60
Oceania	905	505	905	605	1,005	1,005
Others	75	75	75	100	105	105
Total	59,936	66,133	62,742	63,136	59,611	59,721
Ending Stocks						
North America	1,511	806	1,216	1,036	671	722
Central America	21	26	13	13	8	8
South America	1,548	1,310	1,140	1,122	1,062	1,134
European Union - 28	18	27	16	31	40	35
Middle East	27	39	35	24	19	19
North Africa	22	47	48	53	53	53
Sub-Saharan Africa	1,586	2,302	1,609	1,545	1,236	1,210
East Asia	627	765	772	944	864	864
South Asia	364	587	151	191	141	141
Oceania	177	252	234	96	191	191
Others	76	69	65	59	54	54
Total	5,977	6,230	5,299	5,114	4,339	4,431

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
TY Exports						
Australia	267	264	214	455	250	250
Canada	1,732	1,734	1,667	1,557	1,800	1,800
Chile	49	84	26	27	50	30
European Union	291	231	220	179	200	200
Kazakhstan	6	0	5	12	10	10
Russia	6	14	16	14	10	10
Ukraine	6	46	48	19	50	50
Others	10	10	8	6	10	10
Subtotal	2,367	2,383	2,204	2,269	2,380	2,360
United States	29	25	36	44	30	30
World Total	2,396	2,408	2,240	2,313	2,410	2,390
TY Imports						
Algeria	12	24	31	25	25	25
Bosnia and Herzegovina	3	4	4	6	5	5
Canada	27	12	11	18	10	10
China	116	162	172	278	200	200
Colombia	2	2	1	1	5	5
Ecuador	21	21	38	30	30	30
European Union	3	4	9	3	5	5
Japan	46	47	50	48	50	50
Mexico	93	86	77	119	100	100
Norway	38	4	7	3	5	5
Russia	1	1	4	11	5	5
Serbia	2	2	1	0	5	5
South Africa	19	46	31	24	50	30
Switzerland	51	49	41	54	50	50
Turkey	0	4	0	5	5	5
Others	7	10	6	9	5	5
Subtotal	441	478	483	634	555	535
Unaccounted	89	162	225	140	155	155
United States	1,866	1,768	1,532	1,539	1,700	1,700
World Total	2,396	2,408	2,240	2,313	2,410	2,390

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
Production						
Algeria	110	110	110	110	110	110
Argentina	445	525	553	785	660	660
Australia	1,255	1,198	1,300	1,873	1,050	1,100
Belarus	352	522	492	390	500	500
Brazil	380	307	351	828	696	682
Canada	3,906	2,979	3,428	3,195	3,700	3,700
Chile	610	421	533	713	670	670
China	235	255	180	185	190	190
European Union	8,380	7,821	7,524	8,036	8,002	8,073
Kazakhstan	305	226	244	335	270	270
Mexico	91	93	85	72	90	90
Norway	224	283	286	330	300	300
Russia	4,932	5,267	4,527	4,750	4,900	4,900
Turkey	210	210	210	210	210	210
Ukraine	467	610	498	500	500	500
Others	319	291	320	344	328	328
Subtotal	22,221	21,118	20,641	22,656	22,176	22,283
United States	938	1,019	1,300	940	717	717
World Total	23,159	22,137	21,941	23,596	22,893	23,000
Total Consumption						
Algeria	118	126	141	132	135	135
Argentina	425	525	550	750	690	690
Australia	950	950	1,025	1,200	1,050	1,050
Belarus	375	500	500	400	500	500
Brazil	375	305	345	775	725	705
Canada	1,660	1,676	1,611	1,814	1,900	1,900
Chile	570	355	485	655	625	660
China	350	400	370	440	380	380
European Union	8,075	7,730	7,400	8,000	7,800	7,800
Kazakhstan	275	225	245	274	275	275
Mexico	185	175	190	195	190	190
Norway	245	295	295	315	320	320
Russia	4,900	5,200	4,600	4,800	4,900	4,900
Turkey	215	215	210	210	215	215
Ukraine	475	600	450	450	450	450
Others	492	466	482	519	530	510
Subtotal	19,905	19,745	19,059	21,133	20,815	20,810
United States	2,757	2,447	2,702	2,539	2,712	2,712
World Total	22,662	22,192	21,761	23,672	23,527	23,522
Ending Stocks						
Argentina	67	65	65	95	60	60
Australia	105	93	143	361	111	161
Canada	1,054	673	930	690	700	700
Chile	45	27	62	90	70	70
European Union	894	770	690	579	614	657
Russia	230	289	199	147	142	142
Ukraine	67	38	43	65	65	65
Others	165	196	155	277	237	227
Subtotal	2,627	2,151	2,287	2,304	1,999	2,082
United States	359	780	824	731	431	431
World Total	2,986	2,931	3,111	3,035	2,430	2,513

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	Nov 2017/18	Dec 2017/18
TY Imports						
North America	1,986	1,866	1,620	1,676	1,810	1,810
South America	29	30	45	36	40	40
European Union - 28	3	4	9	3	5	5
Other Europe	94	62	53	63	65	65
Former Soviet Union - 12	2	1	4	11	5	5
Middle East	0	4	0	5	5	5
North Africa	12	24	31	29	25	25
Sub-Saharan Africa	19	46	31	24	50	30
East Asia	162	209	222	326	250	250
Oceania	0	0	0	0	0	0
Total	2,307	2,246	2,015	2,173	2,255	2,235
Production						
North America	4,935	4,091	4,813	4,207	4,507	4,507
South America	1,478	1,281	1,478	2,372	2,069	2,055
European Union - 28	8,380	7,821	7,524	8,036	8,002	8,073
Other Europe	359	411	418	464	423	423
Former Soviet Union - 12	6,062	6,631	5,767	5,981	6,176	6,176
Middle East	210	210	210	210	210	210
North Africa	156	147	166	175	175	175
Sub-Saharan Africa	59	55	55	55	55	55
East Asia	237	257	181	186	191	191
Oceania	1,283	1,233	1,329	1,910	1,085	1,135
Total	23,159	22,137	21,941	23,596	22,893	23,000
Domestic Consumption						
North America	4,602	4,298	4,503	4,548	4,802	4,802
South America	1,447	1,245	1,445	2,263	2,123	2,138
European Union - 28	8,075	7,730	7,400	8,000	7,800	7,800
Other Europe	435	479	484	506	506	506
Former Soviet Union - 12	6,031	6,531	5,801	5,930	6,131	6,131
Middle East	215	215	210	210	215	215
North Africa	164	163	197	201	200	200
Sub-Saharan Africa	95	94	87	85	105	85
East Asia	400	450	420	490	430	430
Oceania	978	985	1,054	1,235	1,085	1,085
Total	22,442	22,190	21,601	23,468	23,397	23,392
Ending Stocks						
North America	1,417	1,459	1,758	1,425	1,135	1,135
South America	129	102	141	247	174	164
European Union - 28	894	770	690	579	614	657
Other Europe	52	46	35	53	35	35
Former Soviet Union - 12	346	397	298	306	286	286
Middle East	8	6	6	6	6	6
North Africa	1	1	1	1	1	1
Sub-Saharan Africa	11	18	17	11	11	11
East Asia	23	39	22	44	55	55
Oceania	105	93	143	363	113	163
Total	2,986	2,931	3,111	3,035	2,430	2,513

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
TY Exports						
Belarus	0	0	24	8	20	20
Canada	97	89	112	132	150	150
European Union	201	167	160	139	100	100
Russia	83	121	23	29	50	50
Ukraine	59	13	21	14	10	10
Others	1	1	0	0	0	0
Subtotal	441	391	340	322	330	330
United States	6	3	6	4	5	5
World Total	447	394	346	326	335	335
TY Imports						
European Union	96	96	50	16	50	50
Israel	33	18	12	4	25	15
Japan	37	22	16	24	20	20
Korea, South	8	4	5	4	5	5
Norway	21	6	2	4	10	10
Russia	5	5	5	4	5	5
Switzerland	6	6	3	2	5	5
Others	1	6	16	3	0	0
Subtotal	207	163	109	61	120	110
Unaccounted	36	-31	20	93	15	25
United States	204	262	217	172	200	200
World Total	447	394	346	326	335	335

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18 Nov	2017/18 Dec
Production						
Argentina	52	97	61	79	82	82
Belarus	648	867	753	651	800	800
Canada	223	218	226	415	320	320
European Union	10,151	8,864	7,833	7,493	7,580	7,517
Russia	3,360	3,279	2,084	2,538	2,500	2,500
Turkey	365	300	350	350	350	350
Ukraine	638	475	394	390	450	450
Others	130	176	178	145	153	155
Subtotal	15,567	14,276	11,879	12,061	12,235	12,174
United States	194	183	295	342	246	246
World Total	15,761	14,459	12,174	12,403	12,481	12,420
Total Consumption						
Argentina	52	97	61	79	82	82
Australia	19	19	22	25	26	26
Belarus	700	850	800	700	800	800
Canada	107	134	119	169	160	160
European Union	9,650	8,600	8,025	7,700	7,600	7,600
Kazakhstan	40	65	37	33	35	35
Norway	35	46	67	23	52	52
Russia	3,100	3,250	2,150	2,400	2,400	2,400
Turkey	350	325	350	350	350	350
Ukraine	625	475	420	380	460	460
Others	142	108	90	94	111	103
Subtotal	14,815	13,974	12,163	11,974	12,088	12,090
United States	424	406	515	499	447	447
World Total	15,239	14,380	12,678	12,473	12,535	12,537
Ending Stocks						
Belarus	149	166	99	50	30	30
Canada	44	42	51	155	182	165
European Union	1,204	1,386	1,084	817	745	684
Kazakhstan	8	4	4	12	7	7
Russia	344	264	155	286	341	341
Turkey	33	14	14	14	14	14
Ukraine	128	106	75	73	53	53
Others	4	3	2	1	0	0
Subtotal	1,914	1,985	1,484	1,408	1,372	1,294
United States	7	15	12	18	15	15
World Total	1,921	2,000	1,496	1,426	1,387	1,309

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	Nov 2017/18	Dec 2017/18
TY Imports						
North America	204	262	217	172	200	200
South America	0	0	0	0	0	0
European Union - 28	96	96	50	16	50	50
Other Europe	28	12	5	6	15	15
Former Soviet Union - 12	5	5	21	7	5	5
Middle East	33	24	12	4	25	15
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	45	26	21	28	25	25
Oceania	0	0	0	0	0	0
Total	411	425	326	233	320	310
Production						
North America	417	401	521	757	566	566
South America	59	106	69	91	92	94
European Union - 28	10,151	8,864	7,833	7,493	7,580	7,517
Other Europe	57	83	108	64	84	84
Former Soviet Union - 12	4,689	4,682	3,268	3,620	3,780	3,780
Middle East	365	300	350	350	350	350
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	20	20	22	25	26	26
Total	15,761	14,459	12,174	12,403	12,481	12,420
Domestic Consumption						
North America	531	540	634	668	607	607
South America	59	106	69	91	92	94
European Union - 28	9,650	8,600	8,025	7,700	7,600	7,600
Other Europe	86	97	112	69	99	99
Former Soviet Union - 12	4,465	4,640	3,407	3,513	3,695	3,695
Middle East	383	343	362	354	375	365
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	48	27	22	29	26	26
Oceania	19	19	22	25	26	26
Total	15,244	14,375	12,656	12,452	12,523	12,515
Ending Stocks						
North America	51	57	63	173	197	180
South America	0	0	0	0	0	0
European Union - 28	1,204	1,386	1,084	817	745	684
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	629	540	333	421	431	431
Middle East	33	14	14	14	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	4	3	2	1	0	0
Oceania	0	0	0	0	0	0
Total	1,921	2,000	1,496	1,426	1,387	1,309

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.



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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								
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	35.5	55.0	124.7	12.7
2015/16	26.8	6.0	160.5	6.9	34.7	59.0	129.9	15.6
2016/17	27.3	5.3	145.2	5.3	27.3	56.0	128.0	10.8
2017/18	26.5	5.8	152.5	6.0	28.5	57.0	128.8	12.0
Coarse Grains								
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	121.6	162.6	18.9
2015/16	30.2	5.1	152.7	14.3	13.1	117.1	157.3	15.5
2016/17	29.4	5.2	152.6	15.8	8.1	120.1	160.7	15.1
2017/18	29.5	5.1	150.8	16.7	8.5	119.5	160.1	14.0
Wheat and Coarse Grains								
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	176.6	287.3	31.6
2015/16	57.0	5.5	313.1	21.2	47.8	176.1	287.1	31.0
2016/17	56.7	5.3	297.8	21.1	35.4	176.1	288.7	25.9
2017/18	56.0	5.4	303.3	22.7	37.0	176.5	288.9	26.0

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								
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	4.4	0.7	16.5	118.5	111.1
2017/18	24.2	5.4	130.0	3.5	0.8	13.0	116.0	127.8
Coarse Grains								
2006/07	31.1	5.1	158.8	1.2	5.5	104.7	153.2	38.0
2007/08	31.8	5.0	158.8	1.2	0.9	106.4	157.6	39.5
2008/09	32.2	5.3	172.1	1.7	0.2	108.8	160.9	52.1
2009/10	33.4	5.1	169.4	3.8	0.2	118.8	172.9	52.2
2010/11	34.6	5.3	183.5	2.7	0.2	128.4	188.1	50.1
2011/12	35.5	5.6	198.3	7.9	0.1	131.7	195.9	60.3
2012/13	37.1	5.7	211.8	5.6	0.1	145.7	209.3	68.3
2013/14	38.3	5.9	225.1	12.4	0.0	157.4	223.2	82.5
2014/15	39.2	5.7	222.4	25.7	0.0	158.4	228.7	101.9
2015/16	40.2	5.8	231.4	17.5	0.0	166.4	238.7	112.1
2016/17	39.0	5.8	227.4	16.1	0.1	174.3	252.9	102.5
2017/18	37.7	5.9	223.9	16.0	0.1	178.9	261.4	81.0
Wheat and Coarse Grains								
2006/07	54.7	4.9	267.2	1.5	8.2	108.7	255.2	76.5
2007/08	55.5	4.8	268.1	1.2	3.7	114.4	263.6	78.5
2008/09	55.8	5.1	284.6	2.1	0.9	116.8	266.4	97.9
2009/10	57.6	4.9	284.5	5.2	1.1	128.8	279.9	106.6
2010/11	58.9	5.1	298.6	3.6	1.1	141.4	298.6	109.2
2011/12	59.8	5.3	315.7	10.9	1.1	155.7	318.4	116.2
2012/13	61.3	5.4	332.9	8.6	1.1	170.7	334.3	122.2
2013/14	62.4	5.6	347.0	19.2	0.9	173.4	339.7	147.8
2014/15	63.2	5.5	348.6	27.6	0.8	174.4	345.2	178.0
2015/16	64.3	5.6	361.6	21.0	0.8	176.9	350.7	209.1
2016/17	63.2	5.6	356.3	20.5	0.9	190.8	371.4	213.5
2017/18	61.9	5.7	353.9	19.5	0.9	191.9	377.4	208.7

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								
2006/07	1.0	3.7	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	4.6	4.2	1.9	1.3	1.2	4.9	1.0
2014/15	1.0	4.1	4.1	1.8	0.7	1.2	4.9	1.3
2015/16	0.9	4.7	4.4	1.8	1.0	1.2	4.9	1.6
2016/17	1.0	4.8	4.7	2.0	1.3	1.3	5.0	2.0
2017/18	0.9	4.6	4.2	1.9	1.3	1.3	5.0	1.8
Coarse Grains								
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	0.8	0.6	5.9	7.1	0.6
2013/14	2.0	4.5	9.0	0.9	1.9	6.4	7.8	0.8
2014/15	1.8	6.0	10.9	0.8	3.1	7.0	8.3	1.1
2015/16	1.8	5.1	9.3	0.8	1.6	7.3	8.7	0.9
2016/17	1.8	6.3	11.3	0.7	2.4	7.6	8.9	1.6
2017/18	1.8	4.1	7.3	0.9	0.8	6.7	8.0	1.0
Wheat and Coarse Grains								
2006/07	3.0	4.5	13.3	2.3	1.2	9.2	14.2	2.6
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	2.9
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	2.4
2012/13	2.9	3.4	10.0	2.4	1.3	7.0	11.8	1.7
2013/14	2.9	4.5	13.2	2.7	3.1	7.6	12.7	1.8
2014/15	2.8	5.3	15.0	2.5	3.7	8.1	13.2	2.4
2015/16	2.7	5.0	13.6	2.6	2.5	8.5	13.6	2.5
2016/17	2.8	5.8	16.1	2.7	3.7	8.8	14.0	3.6
2017/18	2.7	4.3	11.6	2.7	2.0	7.9	13.1	2.8

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								
2011/12	49.7	2.3	115.0	8.0	39.7	28.4	80.0	26.6
2012/13	44.1	1.8	77.8	7.3	25.4	21.6	71.7	14.5
2013/14	47.7	2.2	103.8	7.5	37.3	22.7	72.8	15.8
2014/15	46.6	2.4	112.4	7.7	40.2	24.5	75.0	20.7
2015/16	48.9	2.4	118.0	7.4	51.5	26.7	77.8	16.8
2016/17	50.6	2.6	130.5	7.4	54.4	28.0	79.1	21.1
2017/18	50.2	2.8	139.3	8.0	59.0	31.5	83.0	26.3
Coarse Grains								
2011/12	27.0	2.9	78.6	1.1	24.6	38.0	53.9	6.3
2012/13	27.5	2.5	68.3	0.8	19.8	34.9	49.6	6.0
2013/14	29.4	3.0	87.9	0.8	30.9	40.7	56.4	7.4
2014/15	30.3	3.0	91.8	0.8	33.9	42.2	58.3	7.9
2015/16	28.0	2.9	82.6	0.5	31.3	38.3	53.4	6.2
2016/17	27.9	3.3	92.2	0.8	36.6	40.5	55.9	6.7
2017/18	27.9	3.2	89.8	0.7	36.3	40.4	55.5	5.5

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								
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.3
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	7.4	2.1	6.9	3.4
2017/18	11.8	1.2	14.0	0.1	7.5	2.1	6.9	3.0
Russia								
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	27.0	2.7	72.5	0.5	27.8	17.0	40.0	10.8
2017/18	27.1	3.1	83.0	0.5	33.5	20.5	44.0	16.8
Ukraine								
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	5.1	12.2	3.3
2016/17	6.5	4.2	26.8	0.0	18.1	3.6	10.3	1.8
2017/18	6.6	4.0	26.5	0.0	17.0	3.4	9.8	1.5
Uzbekistan								
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
2017/18	1.4	5.1	7.2	2.8	0.2	2.5	9.9	2.4
Other Former Soviet Union - 12								
2014/15	3.3	2.5	8.4	4.5	0.4	3.3	12.3	3.2
2015/16	3.2	2.7	8.7	3.8	0.7	3.3	12.3	2.7
2016/17	3.4	2.7	9.0	4.0	0.9	2.9	12.2	2.6
2017/18	3.3	2.6	8.6	4.6	0.8	3.0	12.4	2.6
Total Former Soviet Union - 12								
2014/15	46.6	2.4	112.4	7.7	40.2	24.5	75.0	20.7
2015/16	48.9	2.4	118.0	7.4	51.5	26.7	77.8	16.8
2016/17	50.6	2.6	130.5	7.4	54.4	28.0	79.1	21.1
2017/18	50.2	2.8	139.3	8.0	59.0	31.5	83.0	26.3

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								
2014/15	1.9	1.3	2.4	0.0	0.5	1.7	2.0	0.3
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	0.8	2.0	2.3	0.3
2017/18	2.1	1.3	2.7	0.0	0.6	1.9	2.2	0.3
Russia								
2014/15	8.8	2.3	20.0	0.1	5.3	9.2	14.1	1.5
2015/16	8.0	2.1	17.1	0.1	4.2	9.0	13.7	0.7
2016/17	8.0	2.2	17.5	0.2	2.9	9.9	14.7	0.9
2017/18	7.9	2.6	20.5	0.1	4.8	10.9	15.7	0.9
Ukraine								
2014/15	3.2	3.0	9.5	0.0	4.5	4.0	5.5	1.6
2015/16	3.0	2.9	8.8	0.0	4.4	2.8	4.3	1.6
2016/17	3.1	3.2	9.9	0.0	5.4	3.5	4.9	1.3
2017/18	2.7	3.3	8.7	0.0	4.7	3.0	4.3	1.0
Uzbekistan								
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	0.2	0.3	0.0
2017/18	0.1	3.2	0.2	0.1	0.0	0.3	0.3	0.0
Other Former Soviet Union - 12								
2014/15	1.3	2.6	3.5	0.2	0.1	2.8	3.6	0.4
2015/16	1.3	2.9	3.9	0.0	0.1	2.9	3.7	0.5
2016/17	1.3	2.6	3.2	0.1	0.1	2.5	3.4	0.3
2017/18	1.3	2.8	3.7	0.2	0.1	3.1	3.9	0.2
Total Former Soviet Union - 12								
2014/15	15.3	2.3	35.6	0.3	10.4	17.9	25.5	3.8
2015/16	14.5	2.3	32.6	0.1	9.6	16.6	24.0	3.0
2016/17	14.2	2.4	34.1	0.4	9.2	18.1	25.5	2.8
2017/18	14.0	2.6	35.9	0.3	10.2	19.1	26.4	2.3

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								
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	0.0	0.6	0.7	0.2
2017/18	0.1	5.6	0.8	0.0	0.1	0.7	0.8	0.1
Russia								
2014/15	2.6	4.4	11.3	0.0	3.2	7.2	8.1	0.7
2015/16	2.7	4.9	13.2	0.0	4.7	7.8	8.7	0.6
2016/17	2.8	5.5	15.3	0.1	5.6	8.7	9.6	0.7
2017/18	2.8	5.0	14.0	0.1	5.0	8.3	9.2	0.6
Ukraine								
2014/15	4.6	6.2	28.5	0.0	19.7	7.2	8.6	1.5
2015/16	4.1	5.7	23.3	0.0	16.6	5.5	6.9	1.4
2016/17	4.3	6.6	28.0	0.0	21.3	5.1	6.5	1.6
2017/18	4.5	5.6	25.0	0.0	20.5	3.8	5.1	1.0
Uzbekistan								
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
2017/18	0.0	3.4	0.1	0.0	0.0	0.1	0.1	0.0
Other Former Soviet Union - 12								
2014/15	0.9	3.7	3.4	0.4	0.3	3.1	3.4	0.8
2015/16	0.9	2.9	2.5	0.3	0.2	2.6	2.9	0.5
2016/17	0.9	3.6	3.1	0.2	0.2	2.7	3.0	0.6
2017/18	0.9	3.7	3.4	0.3	0.2	3.1	3.4	0.7
Total Former Soviet Union - 12								
2014/15	8.3	5.3	44.0	0.5	23.2	18.1	20.8	3.2
2015/16	7.8	5.1	39.9	0.4	21.5	16.6	19.3	2.6
2016/17	8.1	5.9	47.3	0.3	27.2	17.2	20.0	3.1
2017/18	8.4	5.2	43.3	0.4	25.8	16.0	18.7	2.4

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								
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	5.7	0.8
2016/17	5.6	3.3	18.4	0.0	13.6	0.1	5.3	0.3
2017/18	5.6	3.1	17.5	0.0	11.7	0.1	5.6	0.5
Australia								
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	11.3	2.0	22.3	0.2	16.1	3.7	7.1	3.9
2016/17	12.4	2.7	33.5	0.1	22.6	4.3	7.8	7.1
2017/18	12.5	1.7	21.5	0.2	17.5	3.5	7.0	4.3
Canada								
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	4.0	9.1	7.1
2015/16	9.6	2.9	27.6	0.5	22.1	2.8	7.9	5.2
2016/17	8.9	3.6	31.7	0.5	20.2	5.4	10.4	6.8
2017/18	9.0	3.3	30.0	0.5	22.0	3.5	8.7	6.6
European Union								
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	35.5	55.0	124.7	12.7
2015/16	26.8	6.0	160.5	6.9	34.7	59.0	129.9	15.6
2016/17	27.3	5.3	145.2	5.3	27.3	56.0	128.0	10.8
2017/18	26.5	5.8	152.5	6.0	28.5	57.0	128.8	12.0
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	3.3
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	7.4	2.1	6.9	3.4
2017/18	11.8	1.2	14.0	0.1	7.5	2.1	6.9	3.0
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	27.0	2.7	72.5	0.5	27.8	17.0	40.0	10.8
2017/18	27.1	3.1	83.0	0.5	33.5	20.5	44.0	16.8

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								
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	5.1	12.2	3.3
2016/17	6.5	4.2	26.8	0.0	18.1	3.6	10.3	1.8
2017/18	6.6	4.0	26.5	0.0	17.0	3.4	9.8	1.5
Total Wheat Competitors								
2013/14	95.4	3.2	306.2	5.5	112.6	74.8	192.1	38.3
2014/15	95.4	3.4	320.8	7.7	121.1	82.1	201.1	44.5
2015/16	95.9	3.4	323.7	8.5	133.1	86.9	206.7	37.0
2016/17	99.9	3.4	343.2	6.6	137.0	88.5	208.7	41.0
2017/18	99.1	3.5	345.0	7.2	137.7	90.1	210.8	44.8

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								
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	3.7	8.0	29.5	0.0	21.6	6.0	9.3	1.5
2016/17	4.9	8.4	41.0	0.0	25.5	7.5	11.2	5.8
2017/18	5.2	8.1	42.0	0.0	29.0	8.5	12.5	6.3
Brazil								
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	3.4	14.0	49.0	57.5	6.8
2016/17	17.6	5.6	98.5	0.8	36.0	51.0	60.5	9.6
2017/18	17.7	5.4	95.0	0.3	34.0	52.0	61.5	9.4
China								
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	2.5	0.1	162.0	232.0	100.7
2017/18	35.4	6.1	215.9	3.0	0.1	166.0	240.0	79.6
South Africa								
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
2014/15	3.0	3.5	10.6	2.0	0.7	6.2	11.7	2.4

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
2015/16	2.2	3.7	8.2	2.2	0.8	5.7	11.0	1.1
2016/17	3.0	5.8	17.5	0.1	2.5	7.1	13.1	3.0
2017/18	2.9	4.3	12.5	0.1	1.7	5.8	11.7	2.2
Total Corn Competitors								
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	60.0	5.5	329.3	8.8	36.5	214.2	295.3	120.1
2016/17	62.3	6.0	376.5	3.3	64.1	227.6	316.8	119.0
2017/18	61.2	6.0	365.4	3.4	64.8	232.3	325.7	97.4

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								
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	2.2	9.0	0.0	5.7	2.0	3.3	1.1
2016/17	4.0	3.3	13.4	0.0	9.5	2.2	3.5	1.5
2017/18	3.9	2.1	8.0	0.0	5.8	1.7	3.0	0.7
Canada								
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	1.5	5.5	6.8	2.0
2017/18	2.1	3.8	7.9	0.1	1.5	5.8	7.0	1.5
European Union								
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	35.7	50.9	5.8
2015/16	12.2	5.1	62.1	0.3	10.8	36.5	51.4	6.1
2016/17	12.3	4.9	59.9	0.4	5.7	40.1	55.0	5.6
2017/18	12.3	4.8	58.7	0.5	6.2	38.6	53.5	5.1

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								
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	0.5	2.5	2.9	1.0
2016/17	0.7	4.9	3.4	0.0	0.4	2.7	3.1	0.9
2017/18	0.8	4.6	3.5	0.0	0.6	2.5	2.9	0.9
Australia								
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	0.3
2015/16	0.5	3.4	1.8	0.0	0.9	0.9	0.9	0.2
2016/17	0.4	2.6	1.0	0.0	0.6	0.4	0.6	0.1
2017/18	0.6	3.0	1.9	0.0	0.8	0.8	1.0	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											
2015/16	19,149	3	nr	56,117	3,068	3,054	21,168	21,811	4,065	31,942	26,552
2016/17	17,746	4	nr	62,833	3,215	3,297	28,716	29,488	4,257	31,751	32,133
2017/18	15,211	3	nr	47,371	4,082	4,100	26,535	26,000	3,266	30,917	26,134
Corn											
2015/16	32,680	11	nr	345,506	1,716	1,782	48,288	51,156	129,909	298,785	44,123
2016/17	35,106	11	nr	384,778	1,448	1,450	58,242	55,535	138,775	313,812	58,295
2017/18	33,637	11	nr	370,286	1,270	1,300	48,897	48,500	141,612	319,039	61,915
Sorghum											
2015/16	3,177	5	nr	15,158	117	98	8,626	7,871	2,707	6,187	930
2016/17	2,494	5	nr	12,199	44	44	6,111	6,090	3,289	6,210	852
2017/18	2,043	4	nr	9,033	51	50	6,604	6,700	1,524	2,794	538
Barley											
2015/16	1,278	4	nr	4,750	405	352	235	161	966	4,408	2,223
2016/17	1,038	4	nr	4,353	210	217	95	125	847	4,375	2,316
2017/18	791	4	nr	3,090	327	350	109	130	762	4,290	1,334
Oats											
2015/16	516	3	nr	1,300	1,475	1,532	29	36	1,591	2,702	824
2016/17	397	2	nr	940	1,556	1,539	50	44	1,434	2,539	731
2017/18	324	2	nr	717	1,724	1,700	29	30	1,579	2,712	431
Rye											
2015/16	148	2	nr	295	222	217	5	6	195	515	12
2016/17	168	2	nr	342	167	172	4	4	159	499	18
2017/18	116	2	nr	246	204	200	6	5	98	447	15
Rice, Milled											
2015/16	1,046	8	8,761	6,133	766	768	3,396	3,373	nr	3,580	1,475
2016/17	1,253	8	10,167	7,117	745	760	3,704	3,400	nr	4,171	1,462
2017/18	968	8	8,091	5,664	778	760	3,270	3,400	nr	3,652	982

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							
1988/89	541.8	2.2	1,218.0	203.3	619.4	1,301.7	338.8
1989/90	548.0	2.4	1,327.1	208.9	644.3	1,345.9	320.0
1990/91	545.5	2.6	1,417.5	190.1	669.8	1,369.5	368.0
1991/92	543.2	2.5	1,355.5	207.5	653.4	1,365.9	357.6
1992/93	545.8	2.6	1,431.7	205.2	664.2	1,388.4	398.1
1993/94	535.9	2.5	1,356.4	188.2	657.1	1,389.1	365.4
1994/95	534.1	2.6	1,393.0	200.1	670.6	1,395.9	362.4
1995/96	527.2	2.5	1,338.9	187.5	641.8	1,381.8	319.5
1996/97	545.7	2.7	1,490.2	198.3	674.8	1,441.9	367.9
1997/98	535.1	2.8	1,490.8	190.4	685.8	1,443.5	415.1
1998/99	520.3	2.8	1,481.4	198.7	685.4	1,448.6	447.8
1999/00	506.1	2.9	1,465.5	214.0	690.3	1,469.9	442.9
2000/01	509.1	2.8	1,446.2	204.8	699.1	1,470.9	418.1
2001/02	511.5	2.9	1,479.8	208.3	713.4	1,495.4	402.5
2002/03	504.1	2.9	1,444.9	209.2	711.4	1,506.0	341.4
2003/04	511.1	2.9	1,473.3	205.8	718.0	1,535.7	279.0
2004/05	514.7	3.2	1,642.7	214.4	756.2	1,586.1	335.6
2005/06	520.4	3.1	1,598.4	222.5	757.9	1,616.1	318.0
2006/07	518.2	3.1	1,585.1	229.9	749.5	1,630.5	272.6
2007/08	535.0	3.2	1,694.9	244.7	764.2	1,678.4	289.1
2008/09	539.0	3.3	1,795.6	253.5	773.9	1,724.6	360.1
2009/10	531.7	3.4	1,802.5	254.1	783.9	1,766.5	396.1
2010/11	522.4	3.3	1,748.6	249.8	775.4	1,785.3	359.3
2011/12	536.4	3.5	1,854.3	287.0	809.3	1,852.9	360.7
2012/13	532.5	3.4	1,793.8	279.6	808.6	1,812.3	342.2
2013/14	545.5	3.7	1,998.4	327.8	864.6	1,934.2	406.4
2014/15	547.4	3.7	2,040.5	335.8	887.1	1,982.0	464.9
2015/16	546.5	3.7	1,995.5	356.8	903.7	1,966.5	493.8
2016/17	546.0	3.9	2,119.9	363.9	947.6	2,096.0	517.7
2017/18	541.4	3.8	2,079.1	372.1	959.8	2,096.2	500.7

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 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							
1995/96	216.7	2.5	537.5	99.2	96.9	545.6	155.8
1996/97	227.1	2.6	581.3	104.0	101.4	572.7	164.4
1997/98	226.4	2.7	610.2	104.5	106.2	576.7	197.9
1998/99	219.2	2.7	590.5	102.0	109.4	579.1	209.3
1999/00	212.6	2.8	587.5	111.9	104.6	587.7	209.1
2000/01	215.3	2.7	582.8	102.0	109.8	585.8	206.1
2001/02	214.2	2.7	583.9	107.9	111.9	586.6	203.3
2002/03	213.4	2.7	569.7	106.5	116.1	603.9	169.1
2003/04	207.9	2.7	555.7	103.5	101.7	588.9	135.9
2004/05	215.7	2.9	626.7	113.2	110.7	606.2	156.4
2005/06	217.5	2.8	618.8	114.1	117.7	622.0	153.3
2006/07	212.3	2.8	596.7	115.3	113.1	616.5	133.5
2007/08	216.9	2.8	611.9	116.0	105.0	617.2	128.2
2008/09	224.1	3.1	684.0	143.2	123.9	643.0	169.2
2009/10	225.6	3.0	687.4	135.3	122.2	652.9	203.6
2010/11	216.9	3.0	649.6	134.0	116.6	654.2	199.0
2011/12	221.0	3.2	697.3	153.6	148.6	697.5	198.9
2012/13	215.9	3.1	658.7	147.2	138.3	680.0	177.7
2013/14	219.7	3.3	715.1	162.5	126.7	698.0	194.8
2014/15	221.5	3.3	728.2	161.9	131.7	705.2	217.8
2015/16	223.7	3.3	735.3	172.0	136.5	711.6	241.4
2016/17	222.3	3.4	753.6	182.3	147.5	739.7	255.3
2017/18	219.7	3.4	755.2	183.8	142.7	742.1	268.4
Coarse Grains							
1995/96	310.5	2.6	801.4	88.3	544.9	836.2	163.7
1996/97	318.6	2.9	909.0	94.3	573.4	869.2	203.5
1997/98	308.8	2.9	880.6	85.8	579.6	866.9	217.2
1998/99	301.2	3.0	890.9	96.7	575.9	869.5	238.5
1999/00	293.4	3.0	878.0	102.1	585.7	882.2	233.8
2000/01	293.7	2.9	863.4	102.8	589.2	885.1	212.1
2001/02	297.3	3.0	895.9	100.4	601.4	908.8	199.2
2002/03	290.7	3.0	875.2	102.7	595.2	902.2	172.3
2003/04	303.2	3.0	917.7	102.3	616.3	946.8	143.1
2004/05	299.0	3.4	1,016.0	101.2	645.5	979.8	179.2
2005/06	302.9	3.2	979.6	108.4	640.2	994.1	164.7
2006/07	305.9	3.2	988.4	114.5	636.4	1,014.0	139.1
2007/08	318.1	3.4	1,083.0	128.7	659.2	1,061.2	160.9
2008/09	314.9	3.5	1,111.6	110.4	650.1	1,081.6	190.8
2009/10	306.1	3.6	1,115.1	118.8	661.8	1,113.5	192.5
2010/11	305.5	3.6	1,099.0	115.8	658.8	1,131.1	160.3
2011/12	315.4	3.7	1,156.9	133.3	660.7	1,155.4	161.8
2012/13	316.6	3.6	1,135.1	132.4	670.3	1,132.4	164.5
2013/14	325.8	3.9	1,283.3	165.3	738.0	1,236.2	211.6
2014/15	325.8	4.0	1,312.3	173.9	755.4	1,276.8	247.1
2015/16	322.9	3.9	1,260.2	184.8	767.2	1,254.9	252.4
2016/17	323.7	4.2	1,366.3	181.6	800.1	1,356.3	262.4
2017/18	321.7	4.1	1,323.9	188.3	817.1	1,354.1	232.2

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 Consumption	Ending Stocks
Corn							
1995/96	135.0	3.8	516.7	64.8	365.2	536.8	133.3
1996/97	141.5	4.2	592.9	66.6	387.8	559.9	166.3
1997/98	136.2	4.2	574.2	63.1	400.6	573.3	167.2
1998/99	138.9	4.4	605.8	68.7	404.3	581.7	191.4
1999/00	138.8	4.4	608.1	72.0	422.4	605.0	194.4
2000/01	137.0	4.3	591.5	75.9	427.3	610.8	175.1
2001/02	137.1	4.4	601.8	72.7	436.3	625.5	151.4
2002/03	137.7	4.4	604.1	76.8	433.3	628.6	126.9
2003/04	141.6	4.4	627.8	79.0	445.8	650.0	104.7
2004/05	145.3	4.9	716.9	76.0	476.0	690.6	131.1
2005/06	145.1	4.8	700.2	82.5	479.6	707.8	123.4
2006/07	149.6	4.8	715.6	91.3	480.0	730.2	108.8
2007/08	160.2	5.0	795.7	98.2	500.9	776.8	127.7
2008/09	158.0	5.1	800.2	83.6	482.8	784.7	143.2
2009/10	157.0	5.3	824.8	92.7	493.8	827.2	140.9
2010/11	164.0	5.1	836.3	91.7	506.1	854.6	122.6
2011/12	172.7	5.2	891.5	103.7	509.8	885.8	128.2
2012/13	179.6	4.9	874.3	100.7	521.3	869.5	132.9
2013/14	182.8	5.4	996.2	130.8	574.9	954.8	174.3
2014/15	182.2	5.6	1,023.4	128.4	587.3	987.9	209.7
2015/16	181.0	5.4	973.5	144.9	601.9	968.3	214.9
2016/17	185.6	5.8	1,075.6	141.6	632.4	1,063.1	227.3
2017/18	185.0	5.6	1,044.8	151.4	652.4	1,068.0	204.1
Barley							
1995/96	66.4	2.1	141.2	13.4	107.8	150.7	20.5
1996/97	64.2	2.4	153.1	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	139.2	29.0
1999/00	52.1	2.4	127.4	17.8	94.0	132.5	23.9
2000/01	53.0	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	134.2	16.3	94.7	135.8	27.6
2003/04	58.4	2.4	142.9	14.8	103.3	147.0	23.5
2004/05	57.4	2.7	152.3	17.0	100.2	142.7	33.1
2005/06	55.2	2.5	136.2	17.4	97.4	141.0	28.3
2006/07	56.3	2.4	136.7	14.6	98.4	143.5	21.5
2007/08	55.7	2.4	132.7	18.5	91.0	133.6	20.5
2008/09	55.0	2.8	154.9	18.2	99.7	143.1	32.3
2009/10	54.1	2.8	150.9	17.3	102.3	146.1	37.2
2010/11	47.1	2.6	123.0	15.2	91.0	135.8	24.3
2011/12	49.2	2.7	133.4	21.4	92.1	135.3	22.5
2012/13	50.2	2.6	129.0	22.2	87.6	129.9	21.6
2013/14	50.6	2.9	144.3	23.9	97.3	140.9	25.0
2014/15	49.7	2.9	141.7	30.1	98.1	142.3	24.4
2015/16	50.3	3.0	149.6	27.6	100.7	147.6	26.4
2016/17	48.1	3.1	147.2	29.6	104.7	149.2	24.4
2017/18	47.7	3.0	141.9	25.8	102.6	147.4	18.8

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							
1988/89	146.6	3.3	490.8	332.1	14.0	325.7	111.6
1989/90	147.8	3.5	510.4	345.3	11.7	336.4	120.6
1990/91	147.0	3.5	519.5	351.4	12.3	345.4	126.6
1991/92	147.6	3.5	522.9	353.3	14.4	353.3	126.7
1992/93	146.4	3.6	524.0	353.9	14.9	357.4	123.1
1993/94	145.3	3.6	526.0	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	148.3	3.7	547.3	368.8	19.7	368.2	118.1
1996/97	150.2	3.8	563.8	380.4	18.9	378.2	120.3
1997/98	151.7	3.8	575.2	387.4	27.6	379.9	127.7
1998/99	153.3	3.8	586.9	394.9	24.8	388.6	134.0
1999/00	155.8	3.9	608.8	409.3	22.8	400.2	143.1
2000/01	152.8	3.9	594.0	399.2	24.3	395.6	146.7
2001/02	151.6	3.9	594.2	399.4	27.9	413.1	132.9
2002/03	147.6	3.8	562.9	378.1	27.5	408.0	103.0
2003/04	149.5	3.9	585.3	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	154.6	4.0	625.1	420.1	31.8	421.2	75.4
2007/08	154.9	4.2	643.6	433.6	29.6	428.1	80.9
2008/09	158.5	4.2	669.5	449.9	29.4	437.6	93.2
2009/10	155.8	4.2	655.2	440.0	31.8	438.0	95.2
2010/11	158.3	4.2	671.6	450.1	36.5	445.4	99.9
2011/12	159.8	4.4	696.9	467.4	40.0	458.2	109.1
2012/13	159.6	4.4	706.2	473.5	39.5	463.9	118.7
2013/14	161.9	4.4	713.6	478.5	44.1	475.2	122.0
2014/15	161.0	4.4	714.5	479.2	42.6	473.4	127.8
2015/16	159.5	4.4	704.6	472.6	40.1	467.7	132.6
2016/17	160.8	4.5	726.0	486.7	46.3	481.3	138.0
2017/18	160.2	4.5	721.2	483.5	45.5	480.8	140.7

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 (2016/17 starts in 2016); except for summer grains in certain Southern Hemisphere countries and for rice in selected countries, where the second year begins the LMY (2016/17 starts in 2017). 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 (<http://www.fas.usda.gov/psdonline/psdAvailability.aspx>).

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](#) November 2017. For further details on world grain production, please see [World Agricultural Production](#) December 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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