United States Department of Agriculture

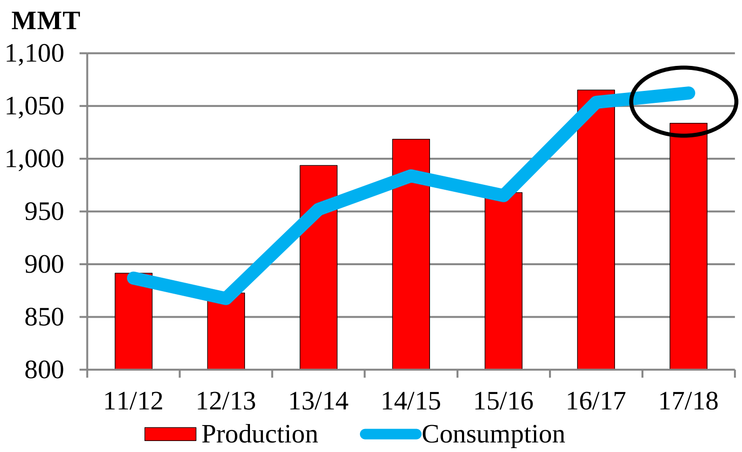
Foreign Agricultural Service

May 2017

Grain: World Markets and Trade

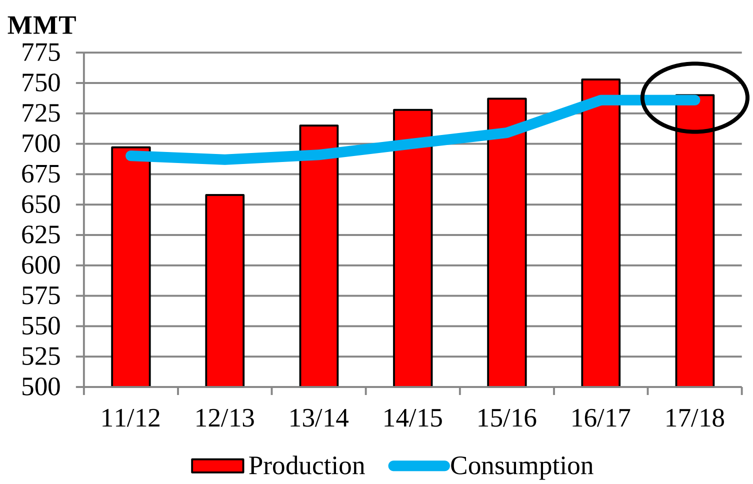
Abundant Grain Supplies Supporting Consumption

Global Corn Consumption Outpaces Production



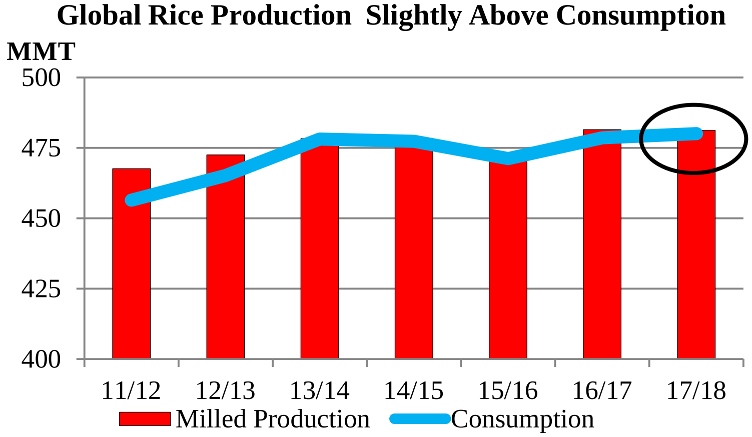
For 2017/18, global corn production is projected down from last year's record due largely to smaller crops in the United States and China. Global consumption outpaces production as demand expands in light of tighter availabilities for other feed grains, mainly barley and sorghum. Global trade is forecast higher boosted by expectations of strong demand growth. Global ending stocks fall sharply led by China and, to a lesser extent, the United States.

Global Wheat Production Slightly Above Consumption



Global wheat production is forecast lower than last year's record. The United States, Australia, Russia, and Canada have sizeable production cuts, which are only partially offset by larger expected crops in India, EU, Morocco, and China. Global consumption is projected down slightly as lower wheat feeding more than offsets steady growth in food use. Global trade is projected above last year's record due to large carryin supplies. The EU is forecast to return as the world's largest exporter after last year's weather-stricken crop. Global stocks are projected at an all-time high, driven primarily by China.

Global Rice Production Slightly Above Consumption



Rice production is forecast marginally below the previous year's record, with the most significant decline in the United States. Consumption is forecast to rise slightly. Trade is projected up, with import demand rising in Sub-Saharan Africa and Southeast Asia. U.S. exports are projected slightly lower, while India and Thailand remain the largest exporters. Rising stocks in China more than offset cuts in top exporters.

For email subscription, click here to register:
http://www.fas.usda.gov/data/grain-world-markets-and-trade

TABLE OF CONTENTS

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

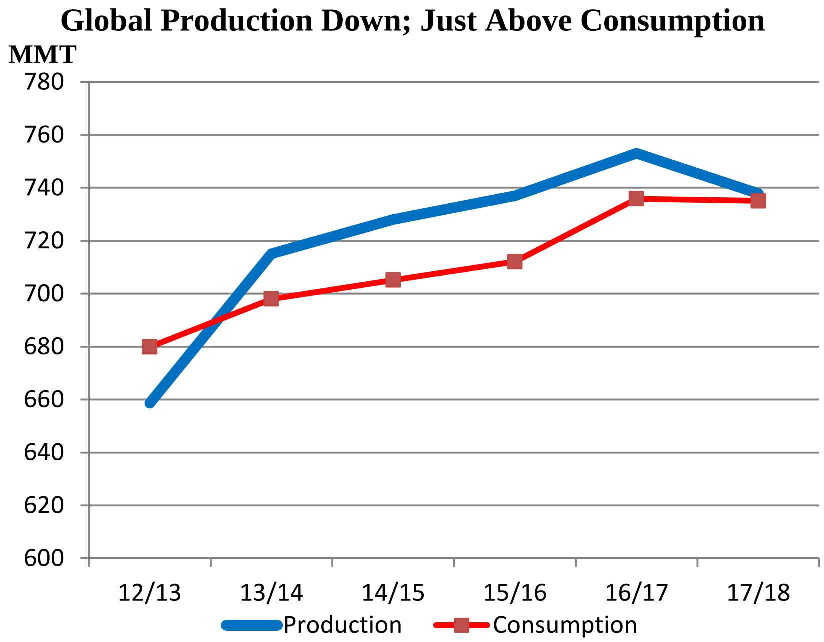
Million Metric Tons

	Marketing Year	Wheat 2015/16	Wheat 2016/17	Wheat 2017/18	Rice, Milled 2015/16	Rice, Milled 2016/17	Rice, Milled 2017/18	Corn 2015/16	Corn 2016/17	Corn 2017/18
Production										
United States	(Jun-May)	56.1	62.9	49.5	6.1	7.1	6.4	345.5	384.8	357.3
Other		680.9	690.2	688.3	465.7	474.4	474.9	622.6	680.3	676.4
World Total		737.0	753.1	737.8	471.8	481.5	481.3	968.1	1,065.1	1,033.7
Domestic Consumption										
United States	(Jun-May)	32.0	32.8	32.4	3.6	4.2	4.0	298.9	315.5	315.6
Other		677.2	703.1	702.7	465.3	471.4	473.8	686.8	717.4	739.6
World Total		709.2	735.9	735.1	468.9	475.6	477.8	985.7	1,032.9	1,055.2
Ending Stocks										
United States	(Jun-May)	26.6	31.6	24.9	1.5	1.5	1.2	44.1	58.3	53.6
Other		215.8	223.8	233.4	114.2	117.1	118.6	168.3	165.6	141.7
World Total		242.4	255.4	258.3	115.7	118.6	119.8	212.4	223.9	195.3
TY Imports										
United States	(Jun-May)	3.1	3.1	3.3	0.8	0.8	0.8	1.8	1.4	1.3
Other		165.4	173.0	175.1	36.9	37.9	39.0	137.6	141.2	144.6
World Total		168.5	176.1	178.4	37.7	38.7	39.8	139.4	142.6	145.9
TY Exports										
United States	(Jun-May)	21.9	28.3	27.0	3.5	3.6	3.5	51.2	56.0	47.5
Other		150.2	150.5	154.1	37.1	37.7	38.7	93.7	90.1	102.2
World Total		172.1	178.8	181.1	40.6	41.3	42.2	144.9	146.1	149.7

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

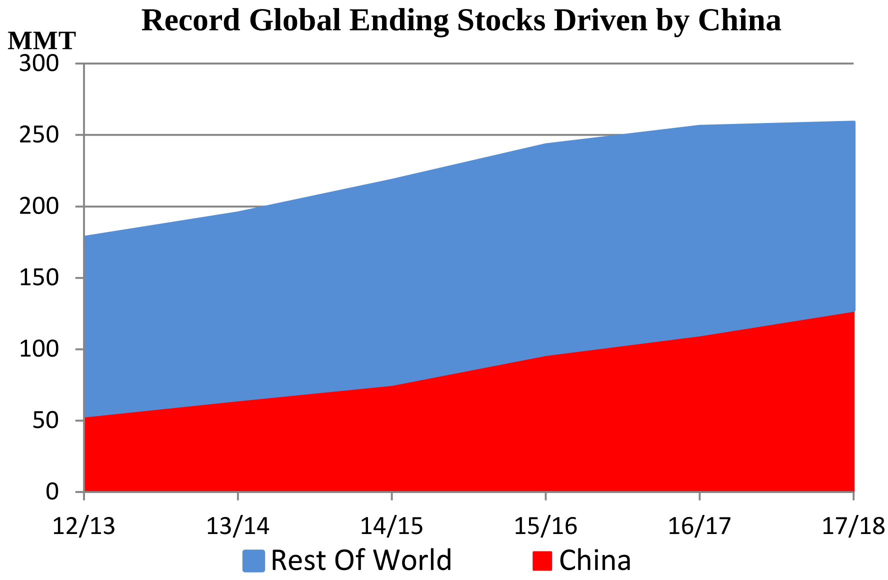
HIGHLIGHTS FOR 2017/18



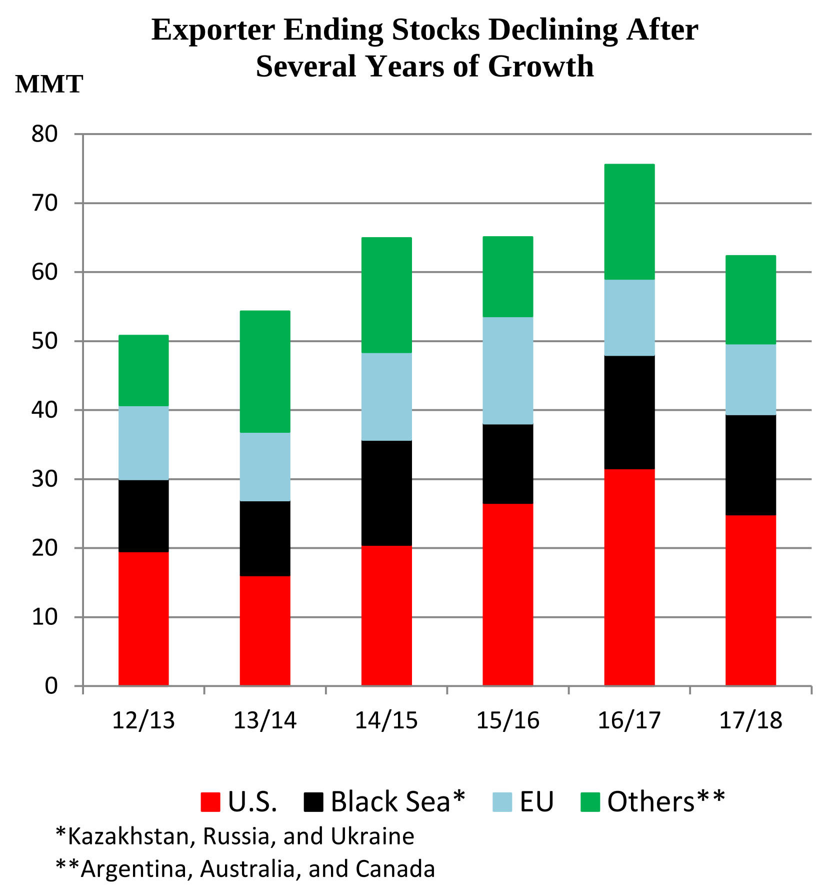
Global wheat production is projected at 738 million tons, down 15 million from the 2016/17 record, but still the second highest on record. Production among the major exporting countries is down a net 29 million tons. Projected gains in **Argentina** and the **EU** are not enough to offset declines in **Australia**, **Canada**, **Kazakhstan**, **Russia**, **Ukraine** and the **United States**. In the **EU**, production is expected to be up about 4 percent from last year's low crop. Farmers in **Argentina** are projected to produce more wheat as area planted is expected to expand once again. Production in **Canada** is forecast lower with a reduced yield more than offsetting slightly higher area. **Russia's** wheat crop is expected to be down from last year, but still the second highest on record. Production in **Ukraine** is expected down about 7 percent on lower yields. **U.S.** production is projected well below last year with the lowest area harvested on record. **China's** wheat production is projected up for 2017/18, rebounding from lower yields and crop quality issues in the previous year. **India's** crop is forecast at a record, rebounding substantially from the prior two years. **Morocco's** production is forecast twice as large as last year's drought-reduced crop. **Brazil's** crop is forecast down 17 percent, mainly on lower expected yields. Production in **Ethiopia** is forecast slightly higher, while **South Africa** is projected nearly unchanged.

Global consumption is forecast down marginally as reduced feed (and residual) use is expected to more than offset rising food use. Wheat used as a component in animal feed rations is projected to decline slightly due to greater utilization of coarse grains, particularly in **China,** the **EU, Indonesia,** and **Thailand**. Food use of wheat, however, continues to be on the rise in most regions. Surging consumption in South and Southeast Asia is driven by population growth, urbanization, and rising incomes.

Global ending stocks for 2017/18 are projected to reach a new record of 258 million tons, up almost 3 million from last year. **China's** burgeoning stocks are expected up 17 million tons from the previous year, accounting for nearly half of global wheat stocks. Projected ending stocks, excluding **China**, are actually down year-to-year.

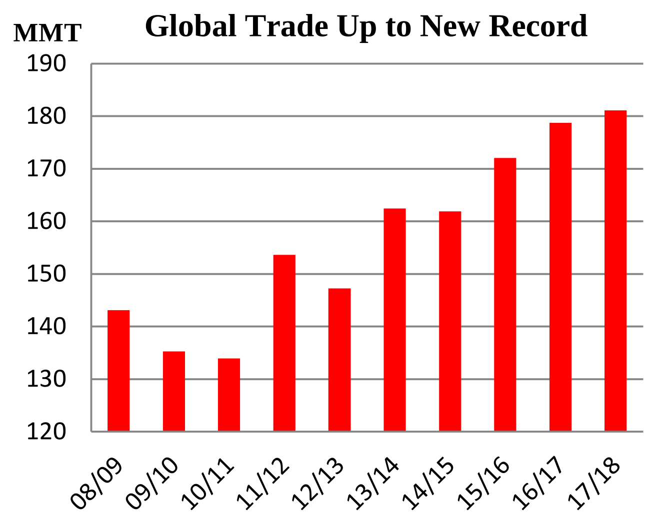


Ending stocks in the eight major exporting countries collectively are projected to drop in 2017/18 after reaching a six-year high in 2016/17. With a smaller crop and continued export demand, **U.S.** ending stocks are forecast down from the highest level in nearly 30 years. Stocks in **Australia** and **Canada** are also forecast lower with smaller crops. Stocks in the **EU** are forecast to tighten with larger exports. **Black Sea** stocks are forecast lower with smaller crops in all three countries. Stocks in **Argentina** are forecast to remain tight in spite of a larger crop as export demand is expected to continue to absorb most of its supplies.



Selected Importers 2017/18

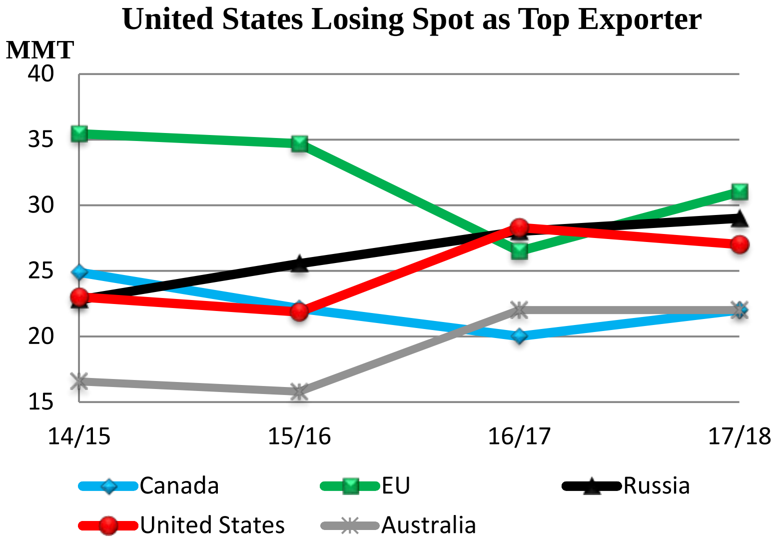
Global trade is forecast up 1 percent from the prior year's record with larger imports expected across many regions. Changing diets in **Bangladesh** and **Indonesia** are expected to drive up demand (see Rice section - page 14). **EU** imports are expected larger in spite of a bigger overall crop. Conversely, **China**, **India**, and **Morocco** are expected to import less due to rebounding production. **Thailand** is also forecast to reduce its imports based on feed wheat import restrictions. The **United States** is projected to import slightly more with a smaller crop.



- **Egypt** is up 500,000 tons to 12.0 million on growing demand and tight carryin supplies.
- **Indonesia** is up 500,000 tons to 9.5 million despite feed wheat import restrictions. Indonesia continues to have a strong demand for a more wheat-based diet.
- **Algeria** is unchanged at 8.0 million tons as a larger crop meets growing consumption demands.
- **Brazil** is down 600,000 tons to 6.9 million as stocks have recovered from the low levels of the previous few years. Consumption is still forecast slightly higher.
- **Bangladesh** is up 800,000 tons to 6.8 million on growing population and a dietary shift from rice to wheat.
- **EU** is up 1.0 million tons to 6.5 million in spite of a larger overall crop based on expectations of smaller production in Italy and Spain.
- **Japan** is down 100,000 tons to 5.8 million due to lower expected feeding, but food use remains stable.
- **Turkey** is up 1.3 million tons to 5.8 million based on tight carry-in supplies and demand for high-quality wheat for processing into flour and exporting.
- **Philippines** is up 150,000 tons to 5.7 million based on economic and population growth as well as low wheat prices. The United States is expected to supply over half of the country's import demand.
- **Mexico** is steady at 5.2 million tons with continued strong demand for wheat products.
- **Morocco** is down 600,000 tons to 4.9 million with a much larger crop.

- **Vietnam** is down 200,000 tons to 4.8 million due to lower expected feeding, but food use continues to grow as economic conditions improve and population rises.
- **South Korea** is down 150,000 tons to 4.5 million on reduced wheat feeding.
- **Nigeria** remains at 4.5 million tons with the expectation that economic conditions will constrain growth in wheat consumption.
- **India** is down 2.0 million tons to 4.0 million based on expected larger production. However, India is still expected to import a large amount of wheat to rebuild domestic stocks and to meet consumption demand from a growing population.
- **Saudi Arabia** is up 100,000 tons to 3.8 million based on growing demand for wheat.
- **Yemen** is up 200,000 tons to 3.4 million as consumption is expected to rebound slightly. 2016/17 imports have been constrained by political instability and financial constraints.
- The **United States** is up 200,000 tons to 3.3 million with a much smaller crop.
- **China** is down 1.2 million tons to 3.0 million based on an expected larger crop that has the potential to better meet domestic milling needs.
- **Thailand** is down 600,000 tons to 3.0 million on reduced wheat feeding. More corn will be incorporated into feed rations in light of feed wheat import restrictions.
- **Uzbekistan** is up 100,000 tons to 2.8 million on growing domestic demand.
- **Afghanistan** is down 100,000 tons to 2.6 million on difficulties in receiving shipments from Pakistan.
- **Iraq** is up 200,000 tons to 2.5 million based on a smaller crop and growing demand. Imports are primarily wheat flour from Turkey
- **Sudan** is up 100,000 tons to 2.5 million on rising consumption.
- **Peru** is up 250,000 tons to 2.2 million on growing demand for wheat products.
- **Colombia** is up 100,000 tons to 2.1 million based on rising food and feed use of wheat.
- **Iran** is up 800,000 tons to 2.0 million based on a smaller crop and growing demand.
- **Tunisia** is up 200,000 tons to 2.0 million to meet demand and to rebuild stocks.
- **Malaysia** is up 100,000 tons to 1.8 million based on rising population and incomes as well as growing demand for a more Western diet.
- **Israel** is stable at 1.7 million tons as domestic use is unchanged from the previous year.
- **South Africa** is up 100,000 tons to 1.6 million with growing domestic demand.
- **Azerbaijan** is up 300,000 tons to 1.6 million to offset a reduced crop.
- **Jordan** is up 100,000 tons to 1.3 million on continued demand from growing population.
- **Ethiopia** is down 300,000 tons to 1.2 million as wheat consumption is returning to more normal levels.
- **Syria** is up 200,000 tons to 1.2 million on a reduced crop.

Selected Exporters 2017/18



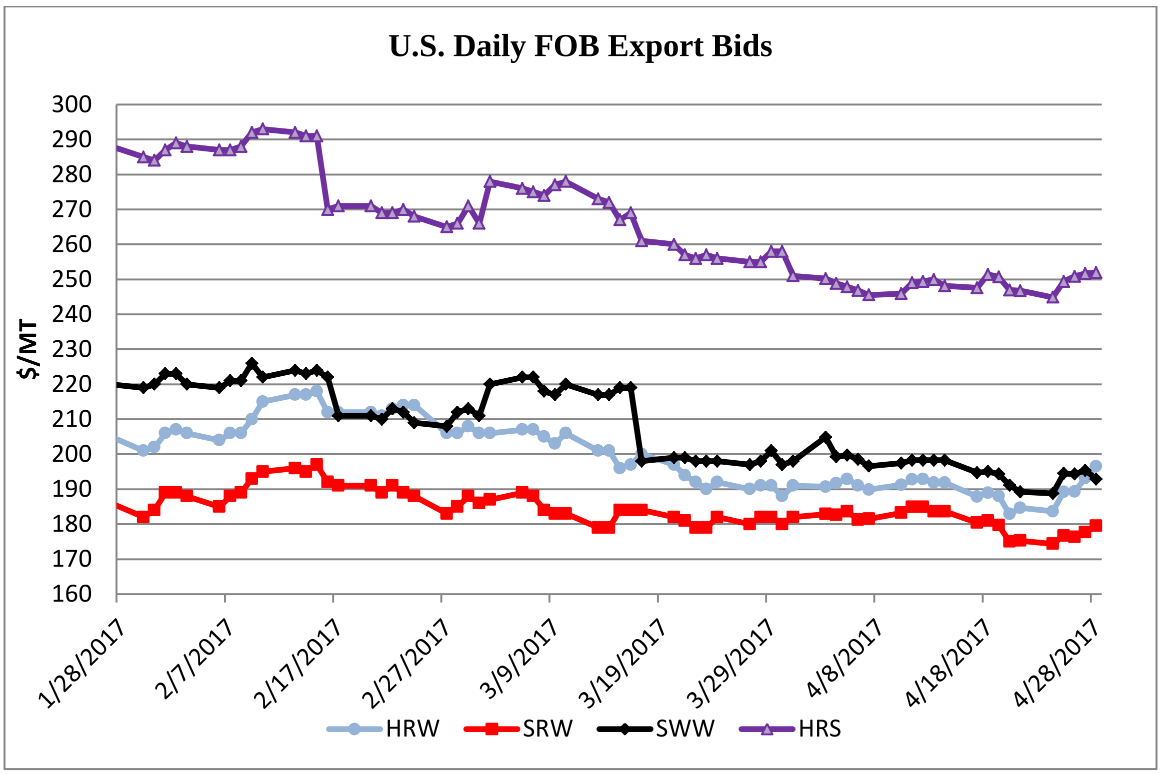
With global trade forecast slightly higher and abundant supplies projected in major exporting countries, competition for market share will intensify in 2017/18. Exports for the **European Union** are forecast to rebound with a larger crop, making it once again the largest exporter. This will limit the market share for the **United States**, which is expected to be the leading exporter in 2016/17.

- The **EU** is up 4.0 million tons to 31.0 million based on a rebounding domestic crop.
- **Russia** is up 1.0 million tons to a record 29.0 million based on abundant carry-in supplies, expectations of another large crop, and consequently, competitive new-crop prices.
- The **United States** is down 1.3 million to 27.0 million on a much smaller crop. However, the year-to-year reduction in exports is minimal in light of large carry-in supplies and growing global demand.
- **Canada** is up 2.0 million tons to 22.0 million on continuing demand for high-protein wheat. Larger beginning stocks will provide a partial offset to a smaller crop.
- **Australia** is unchanged at 22.0 million as large carry-in supplies from a record-large crop are expected to offset a smaller crop in 2017/18. Australia is expected to remain a top wheat exporter, especially to Asia.
- **Ukraine** is down 2.8 million tons to 14.5 million based on a smaller crop and tight carry-in supplies.
- **Argentina** is unchanged at 11.0 million tons with expectations of another large crop.
- **Kazakhstan** remains at 7.0 million tons on continuing regional demand.
- **Turkey** is unchanged at 6.0 million tons based on continued flour exports.
- **Mexico** is down 100,000 tons to 1.4 million based on a smaller domestic crop.
- **Serbia** is down 200,000 tons to 1.1 million with a crop that is 20 percent smaller than the 2016/17 bumper crop.
- **Brazil** is up 200,000 tons to 1.0 million as exports return to normal after a slow year.

2016/17 OVERVIEW

Global production, already at a record, is raised marginally. Global trade is lowered slightly to 178.8 million tons as lower imports for Algeria and Syria more than offset increases for Bangladesh, China, and Saudi Arabia. Exports for the EU are raised, while Australia and Brazil are cut. U.S. exports are also raised, making the United States once again the largest exporter. The U.S. season-average farm price for 2016/17 is revised up $0.05 to $3.90 per bushel, while season-average farm prices in 2017/18 are projected higher with the midpoint of the range at $4.25.

PRICES:



Domestic: Wheat prices experienced mostly modest fluctuations in April as the market awaited additional information on the upcoming Northern Hemisphere harvests. Hard Red Winter (HRW) gained $5/ton to $196 based on concerns regarding snow in Western Kansas, while Hard Red Spring (HRS) rose marginally by $1/ton to $252. Soft Red Winter (SRW) declined $3/ton to $197 and Soft White Winter (SWW) also fell by $5/ton to $193.

TRADE CHANGES IN 2016/17

Selected Importers

- **Algeria** is down 200,000 tons to 8.0 million based on the slow pace of trade.

- **Bangladesh** is raised 200,000 tons to 6.0 million based on strong growth in food use, spurred by growing incomes and changing tastes and preferences.

- **China** is up 200,000 tons to 4.2 million based on domestic crop quality issues and strong U.S. export sales.

- **Saudi Arabia** is raised 200,000 tons to 3.7 million based on the strong pace of imports from the EU.

- **Syria** is halved to 1.0 million tons based on the weak pace of trade. Consumption is estimated lower as many Syrians remain in other countries, particularly Jordan and Lebanon.

Selected Exporters

- **Australia** is down 1.0 million tons to 22.0 million based on logistical challenges of getting the record-large crop to port.

- **Brazil** is cut 600,000 tons to 800,000 based on the slow pace of feed-quality exports.

- The **EU** is boosted 500,000 tons to 27.0 million based on the strong pace of trade.

- **United States** is up 500,000 tons to 28.3 million based on the strong pace of sales and shipments. Demand from key markets, particularly Mexico and Nigeria, has strengthened in recent months.

World Wheat, Flour, and Products Trade

July/June Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
TY Exports						
Argentina	7,450	1,675	4,200	8,750	11,000	11,000
Australia	21,269	18,339	16,575	15,782	22,000	22,000
Canada	18,584	22,156	24,883	22,136	20,000	22,000
European Union	22,786	32,032	35,455	34,686	27,000	31,000
Kazakhstan	6,801	8,000	5,507	7,600	7,000	7,000
Mexico	729	1,322	1,104	1,568	1,500	1,400
Russia	11,308	18,609	22,800	25,543	28,000	29,000
Serbia	688	1,198	593	880	1,300	1,100
Turkey	3,583	4,293	4,134	5,609	6,000	6,000
Ukraine	7,190	9,755	11,269	17,431	17,300	14,500
Others	19,118	13,566	12,374	10,227	9,376	9,131
Subtotal	119,506	130,945	138,894	150,212	150,476	154,131
United States	27,734	31,519	22,999	21,856	28,300	27,000
World Total	147,240	162,464	161,893	172,068	178,776	181,131
TY Imports						
Afghanistan	1,600	2,050	2,000	2,700	2,700	2,600
Algeria	6,484	7,484	7,257	8,153	8,000	8,000
Bangladesh	2,725	3,354	3,929	4,693	6,000	6,800
Brazil	7,547	7,061	5,869	5,922	7,500	6,900
China	2,960	6,773	1,926	3,476	4,200	3,000
Colombia	1,507	1,746	1,627	2,032	2,000	2,100
Egypt	8,400	10,150	11,300	11,925	11,500	12,000
European Union	5,276	3,976	5,979	6,917	5,500	6,500
India	20	22	273	300	6,000	4,000
Indonesia	7,146	7,391	7,478	10,116	9,000	9,500
Iraq	3,948	3,246	2,253	2,218	2,300	2,500
Japan	6,598	6,123	5,878	5,715	5,900	5,800
Korea, South	5,439	4,288	3,942	4,420	4,650	4,500
Mexico	3,823	4,639	4,476	4,805	5,200	5,200
Morocco	3,825	3,928	4,086	4,503	5,500	4,900
Nigeria	4,168	4,580	4,244	4,410	4,500	4,500
Peru	1,683	2,114	1,907	1,800	1,900	2,150
Philippines	3,620	3,476	5,055	4,850	5,500	5,650
Saudi Arabia	1,921	3,429	3,487	2,931	3,700	3,800
Sudan	1,793	2,664	2,632	2,021	2,400	2,500
Thailand	1,840	1,759	3,492	4,872	3,600	3,000
Turkey	3,312	4,149	5,960	4,396	4,500	5,800
Uzbekistan	1,863	2,224	2,230	2,654	2,700	2,800
Vietnam	1,671	2,157	2,296	3,069	5,000	4,800
Yemen	3,207	3,425	3,245	3,323	3,200	3,400
Others	48,888	53,404	51,886	53,183	50,081	52,431
Subtotal	141,264	155,612	154,707	165,404	173,031	175,131
Unaccounted	2,525	2,092	3,222	3,608	2,645	2,700
United States	3,451	4,760	3,964	3,056	3,100	3,300
World Total	147,240	162,464	161,893	172,068	178,776	181,131

TY=Trade Year, see Endnotes.

World Wheat Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
Production						
Argentina	9,300	10,500	13,930	11,300	16,000	17,000
Australia	22,856	25,303	23,743	24,168	35,000	25,000
Canada	27,205	37,530	29,420	27,594	31,700	28,350
China	121,023	121,930	126,208	130,190	128,850	131,000
Egypt	8,500	8,250	8,300	8,100	8,100	8,100
European Union	133,949	144,583	156,912	160,480	145,471	151,000
India	94,882	93,506	95,850	86,530	87,000	97,000
Iran	13,800	14,500	13,000	15,000	15,500	15,000
Kazakhstan	9,841	13,941	12,996	13,748	14,985	13,000
Morocco	3,877	6,933	5,115	8,064	2,731	5,800
Pakistan	23,473	24,211	25,979	25,100	25,600	26,200
Russia	37,720	52,091	59,080	61,044	72,529	67,000
Turkey	16,000	18,750	15,250	19,500	17,250	17,500
Ukraine	15,761	22,278	24,750	27,274	26,800	25,000
Uzbekistan	6,700	6,800	7,150	7,200	7,200	7,200
Others	52,415	55,869	55,148	55,587	55,515	54,137
Subtotal	597,302	656,975	672,831	680,879	690,231	688,287
United States	61,298	58,105	55,147	56,117	62,859	49,539
World Total	658,600	715,080	727,978	736,996	753,090	737,826
Total Consumption						
Algeria	9,450	9,850	10,050	10,250	10,250	10,350
Brazil	10,900	11,400	10,700	11,100	11,700	11,600
Canada	9,555	9,422	9,050	7,863	10,200	8,800
China	125,000	116,500	116,500	112,000	118,500	116,000
Egypt	18,700	18,500	19,100	19,200	19,700	20,000
European Union	119,250	117,300	124,677	129,850	128,500	127,250
India	83,824	93,848	93,102	88,551	97,500	100,000
Indonesia	6,950	7,165	7,365	9,100	9,300	9,100
Iran	16,000	17,000	17,500	18,000	18,250	18,500
Morocco	8,300	9,000	9,000	9,800	10,200	10,300
Pakistan	23,900	24,100	24,500	24,400	24,500	25,400
Russia	33,550	34,100	35,500	37,000	40,000	39,500
Turkey	17,650	17,750	17,500	18,000	17,400	17,400
Ukraine	11,400	11,500	11,500	12,200	10,800	10,600
Uzbekistan	8,000	8,400	8,900	9,350	9,700	9,900
Others	146,931	150,665	153,907	160,497	166,543	167,963
Subtotal	642,086	663,731	673,830	680,062	707,336	702,477
United States	37,810	34,261	31,334	32,021	32,823	32,413
World Total	679,896	697,992	705,164	712,083	740,159	734,890
Ending Stocks						
Australia	4,663	4,558	4,670	5,639	8,829	6,979
Canada	5,112	10,398	7,090	5,178	7,163	5,163
China	53,960	65,274	76,105	97,042	110,792	127,992
European Union	10,711	9,938	12,697	15,558	11,029	10,279
India	24,200	17,830	17,220	14,540	9,640	10,140
Morocco	2,670	4,316	4,279	6,854	4,810	5,110
Russia	4,933	5,177	6,285	5,601	10,630	9,630
Others	51,818	61,137	68,684	65,456	60,908	58,132
Subtotal	158,067	178,628	197,030	215,868	223,801	233,425
United States	19,538	16,065	20,477	26,552	31,550	24,862
World Total	177,605	194,693	217,507	242,420	255,351	258,287

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

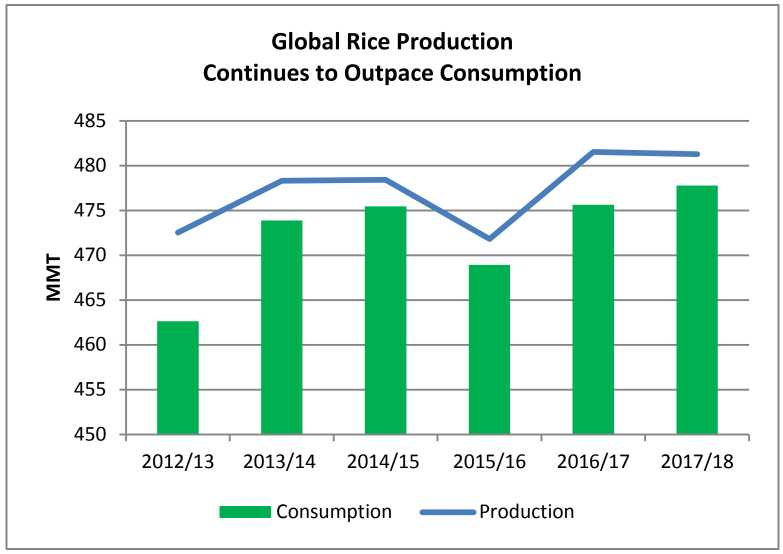
	2012/13	2013/14	2014/15	2015/16	2016/17	May 2017/18
TY Imports						
North America	7,759	9,841	8,927	8,353	8,785	8,950
Central America	1,654	1,833	1,834	1,834	1,930	1,970
South America	14,422	14,879	13,132	13,343	15,110	14,910
European Union - 28	5,276	3,976	5,979	6,917	5,500	6,500
Other Europe	1,632	1,858	1,760	1,828	1,840	1,760
Former Soviet Union - 12	7,244	7,502	7,677	7,390	7,540	8,015
Middle East	24,250	28,434	26,919	24,480	23,370	26,360
North Africa	22,047	25,246	25,430	27,852	28,250	28,350
Sub-Saharan Africa	18,511	20,400	20,966	22,823	21,890	22,280
East Asia	17,354	19,465	14,115	16,224	17,250	15,830
South Asia	5,308	6,721	8,163	8,785	15,806	14,561
Southeast Asia	16,294	17,176	20,545	25,487	25,650	25,610
Others	2,964	3,041	3,224	3,144	3,210	3,335
Total	144,715	160,372	158,671	168,460	176,131	178,431
Production						
North America	91,734	99,012	88,254	87,462	98,443	81,539
South America	18,011	19,762	24,352	21,390	26,446	26,228
European Union - 28	133,949	144,583	156,912	160,480	145,471	151,000
Other Europe	3,431	4,228	4,088	4,359	4,749	4,235
Former Soviet Union - 12	77,783	103,824	112,382	117,964	130,244	121,010
Middle East	37,038	41,708	35,414	42,905	39,885	39,190
North Africa	17,500	19,660	17,028	19,976	14,081	17,800
Sub-Saharan Africa	6,726	7,235	7,498	6,478	7,306	7,589
East Asia	122,490	123,248	127,650	131,515	130,153	132,344
South Asia	126,412	125,917	130,057	119,686	120,713	131,300
Oceania	23,345	25,716	24,157	24,582	35,418	25,420
Others	181	187	186	199	181	171
Total	658,600	715,080	727,978	736,996	753,090	737,826
Domestic Consumption						
North America	53,990	50,333	47,234	46,884	50,423	48,613
South America	26,247	27,281	26,930	27,665	28,205	28,355
European Union - 28	119,250	117,300	124,677	129,850	128,500	127,250
Other Europe	4,721	4,857	4,875	4,935	4,990	4,980
Former Soviet Union - 12	71,705	72,755	74,995	77,785	79,715	79,485
Middle East	56,783	58,764	58,357	60,310	60,645	61,410
North Africa	41,340	42,475	42,726	43,646	44,725	45,275
Sub-Saharan Africa	24,047	26,384	27,124	28,579	28,594	28,877
East Asia	140,071	130,201	129,524	125,239	132,245	129,610
South Asia	121,007	132,041	132,305	128,905	139,689	143,721
Southeast Asia	16,515	16,610	19,295	23,195	25,050	24,270
Oceania	8,111	8,280	8,569	8,607	9,355	9,415
Others	3,383	3,480	3,574	3,582	3,730	3,815
Total	687,170	690,761	700,185	709,182	735,866	735,076
Ending Stocks						
North America	24,925	26,782	28,095	32,246	39,413	30,775
South America	3,465	6,797	8,592	3,923	4,403	4,225
European Union - 28	10,711	9,938	12,697	15,558	11,029	10,279
Other Europe	1,057	1,010	1,322	1,599	1,823	1,663
Former Soviet Union - 12	14,491	15,793	20,617	16,704	21,393	19,578
Middle East	14,300	18,797	18,435	19,611	15,676	13,276
North Africa	12,065	14,044	13,214	16,611	13,562	13,752
Sub-Saharan Africa	2,318	2,831	2,968	3,140	2,862	2,919
East Asia	57,214	68,314	79,217	100,432	114,170	131,314
South Asia	27,995	21,661	23,109	21,024	16,654	17,594
Southeast Asia	3,718	3,491	3,891	5,317	4,987	5,377
Oceania	4,978	4,826	4,921	5,855	9,003	7,173
Others	368	409	429	400	376	362
Total	177,605	194,693	217,507	242,420	255,351	258,287

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

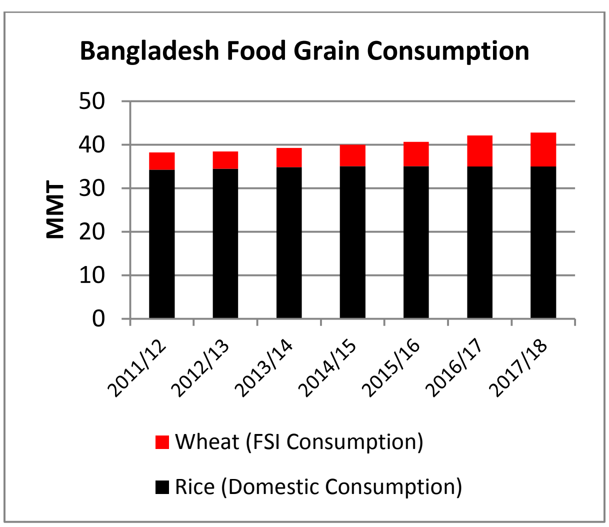
HIGHLIGHTS OF 2017/18

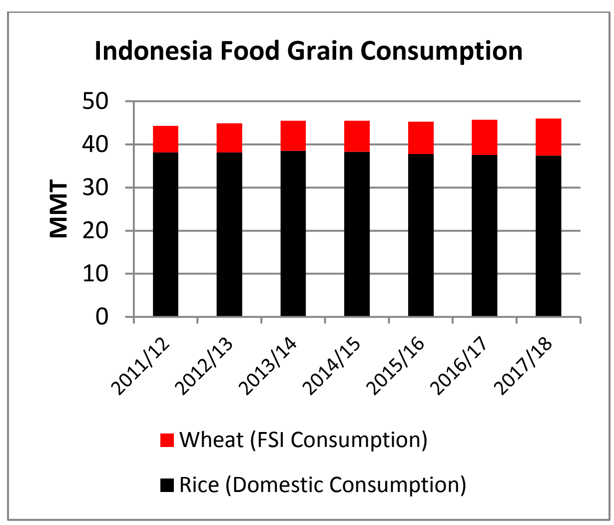
Global production is projected to decline fractionally to 481.3 million tons. The **U.S.** crop is forecast down 10 percent to 6.4 million tons on reduced long-grain area. In **Egypt**, area and production are down because of restrictions on water use. **India's** crop is forecast slightly lower, whereas **Sri Lanka's** crop is forecast to rebound from a drought-stricken 9-year low to a record crop. Production in **Thailand** is also expected higher on main-crop recovery with ample water supplies.



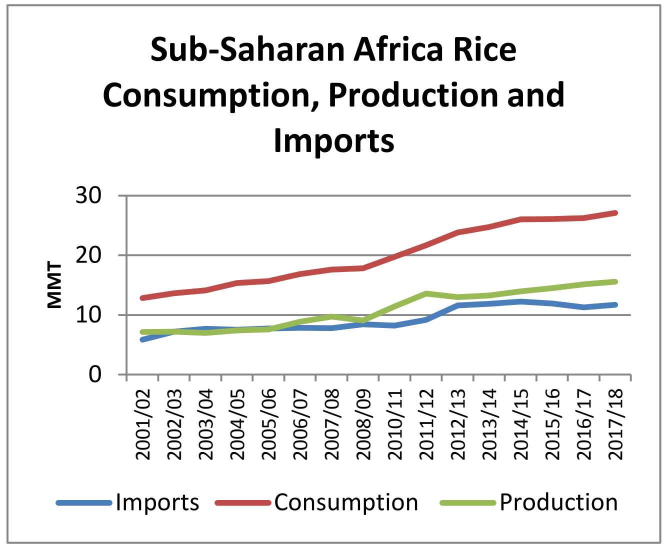
Global consumption continues to rise, though the growth is modest. Food use is growing with the largest increase in **India**, based on a growing population. Feed and industrial use is expected to increase in **Thailand,** as the remainder of government stocks are anticipated to be used. Rice feed use is forecast down in **China**.

Within certain countries in Southeast and South Asia, diets are shifting away from rice and towards wheat. Therefore, despite growing populations, total rice consumption in **Bangladesh** is flat and in **Indonesia** is declining as a higher proportion of food grain consumption is derived from wheat.

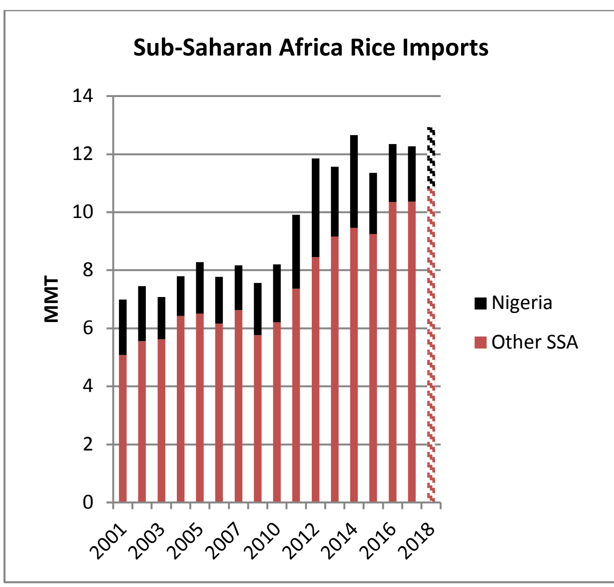


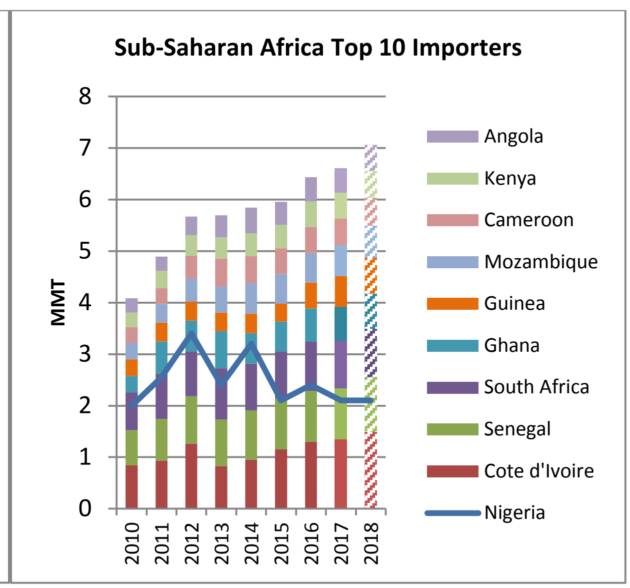


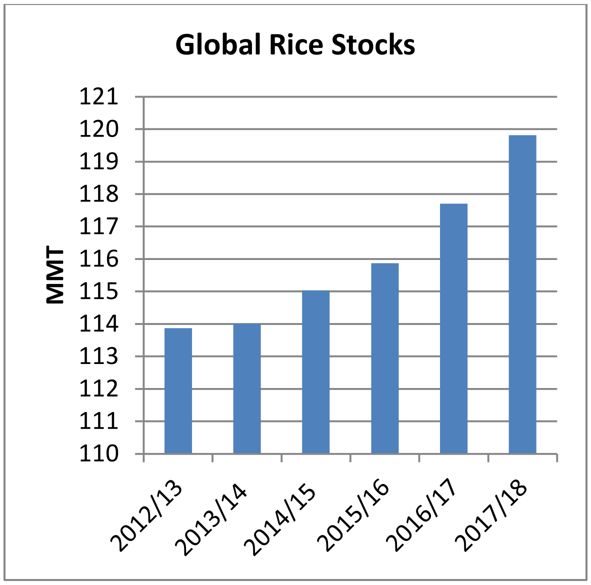
Generally, Sub-Saharan Africa (SSA) has seen rapidly rising consumption rates due to population growth, and the shifting of diets from traditional roots and tubers to rice. Now a staple food in many African countries, rice consumption growth has outpaced production capabilities, spurring imports. SSA rice imports have more than doubled since 2001, and are forecast to reach 12.9 million tons in 2018. Notably, **Cote d'Ivoire** is forecast to become the fifth-largest global rice importer in 2018 with 1.5 million tons. Although production within Cote d'Ivoire has expanded in recent years, consumption growth has outpaced supplies, and the country relies on **Thai**, **Indian**, and **Vietnamese** broken and milled imports to meet demand. West and Southern Africa typically source from these same Asian suppliers, while East Africa imports mainly rice from **Pakistan**.

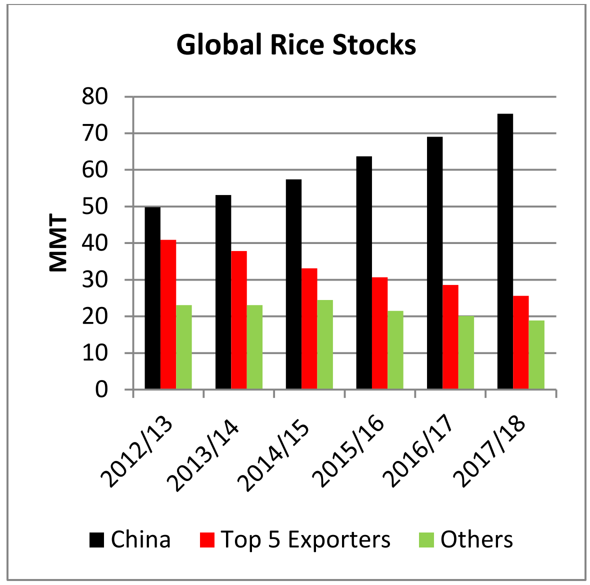


Nigeria is Africa's most populous country, and the second-largest importer of rice in the world, following China. However, governmental self-sufficiency efforts and restrictive import policies have contributed to a decline in imports from 3.4 million in 2012 to a forecast of 2.1 million in 2018. Since domestic supplies are limited and prices of locally-produced and imported rice have increased, rice consumption in Nigeria has actually declined in the past couple of years. Despite overall declines in import demand in Nigeria, import growth throughout the rest of the region remains robust, creating potential growth markets for global rice exporters.



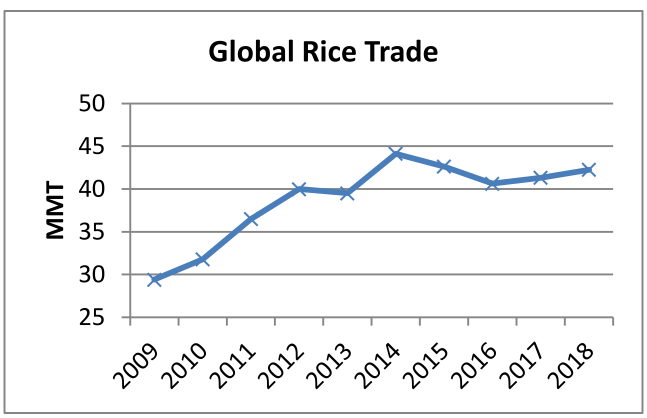




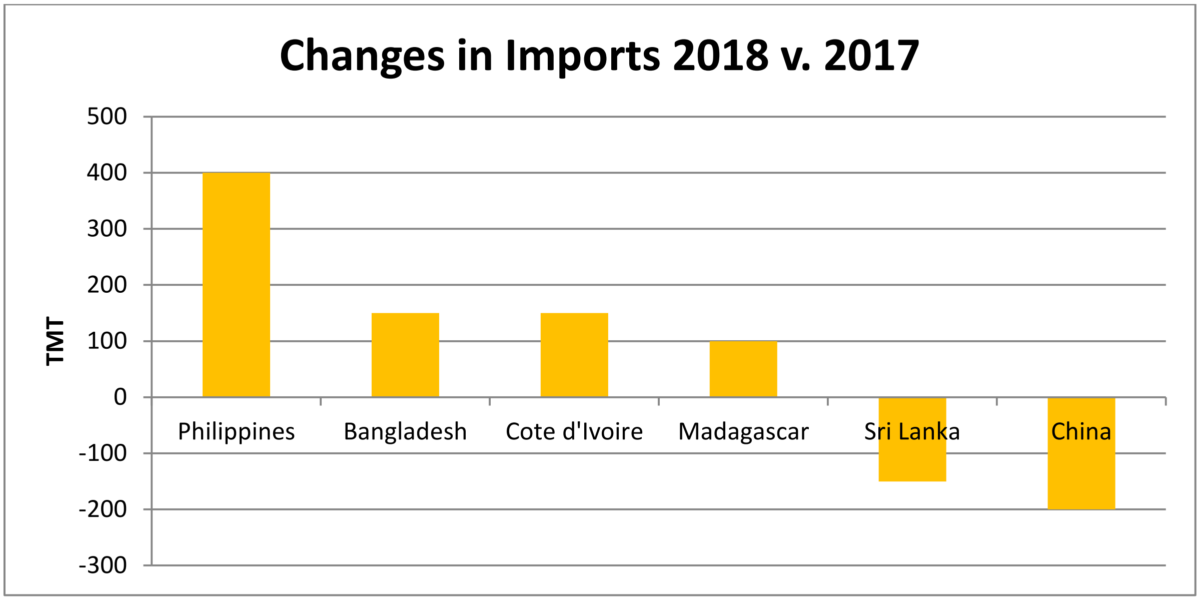


As global supplies are expected to exceed use, global 2017/18 ending stocks are projected to rise marginally. Notably, this growth in stocks is almost entirely attributable to **China**, where stocks are forecast to rise 9 percent to over 75 million tons. These are the largest since 2001/02 and represents over 60 percent of global stocks. Government policies are encouraging production that surpasses domestic needs. This is compounded by the fact that high government support prices relative to prices in neighboring countries incentivize imports. China has the largest production, imports, and stocks in the world.

In contrast, ending stocks for the top five exporters are forecast to continue their decline. Stocks in **Thailand** are forecast down 28 percent to 4.5 million tons, as the government seeks to fully auction off long-held stocks, and the private sector is expected to hold a typical amount of stocks. Meanwhile **India's** stocks are forecast at 17.4 million, down 8 percent from the prior year, but still well above desired buffer stock levels. The stocks for these two top exporters are forecast to be the lowest since 2007/08. Amid lower production and steady export expectations, **U.S.** ending stocks are also forecast down 21 percent to 1.2 million tons, the lowest since 2013/14.



Global trade for 2018 is forecast to rise to 42.2 million tons, up 2 percent from 2017 and the third highest on record. Import demand from China, the EU, Africa, and the Philippines remains robust. The majority of rice is still consumed within the country where it is produced, with less than 10 percent of rice production traded on the global market.

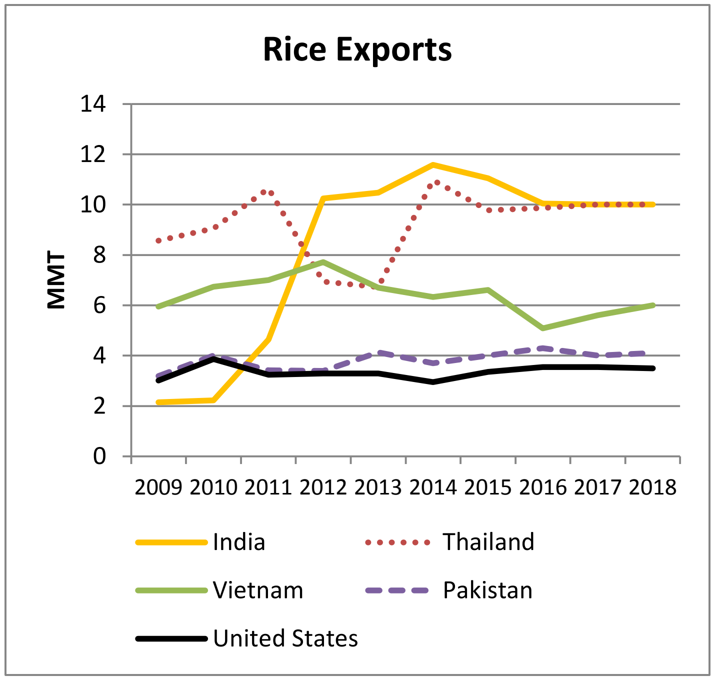


<u>Selected Importers for 2018</u>

- **China** is forecast down 200,000 tons to 4.8 million, on a slightly larger crop. China remains the largest importer as prices in neighboring countries are expected to remain relatively lower than the minimum support prices, spurring border trade.
- **Nigeria** is projected steady at 2.1 million tons as demand for imported parboiled rice remains strong, but restrictions on the use of foreign exchange and high tariffs constrain the volume. Overall, consumption has been trending down as rice has become more expensive relative to alternative grains and tubers.
- **The EU** is forecast up 50,000 tons to 1.9 million on moderate growth. The planned reduction in minimum residue levels for tricyclozole is expected to prove challenging for some trading partners.
- **The Philippines** is up 400,000 tons to 1.8 million on strong demand for lower-priced imports following the anticipated expiration of the Quantitative Restrictions.
- **Cote d'Ivoire** is projected up 150,000 tons to 1.5 million as demand continues to grow for both milled and broken rice imports.
- **Saudi Arabia** is expected up 50,000 tons to 1.5 million on continued population growth. Imports are primarily basmati rice, but also other fragrant rice, parboiled long grain, and milled medium grain.
- **Iran** is forecast up 50,000 tons to 1.1 million on growing demand amid relatively stable domestic production.
- **Iraq** is expected to increase 50,000 tons to 1.1 million as accelerating private-sector purchases offset meager buying by the government for the Public Distribution System.
- **Senegal** is projected up 50,000 tons to 1.1 million, reflecting continued demand for broken rice shipments. Senegal is the largest importer of broken rice.

- **South Africa** is forecast up 25,000 tons to 950,000, reflecting population growth.
- **Malaysia** is steady at 900,000 tons as consumption demand remains relatively consistent.
- **The United Arab Emirates** is projected to increase 75,000 tons to 825,000 as the population and tourism industry expand.
- **The United States** is forecast to remain at 750,000 tons, primarily fragrant varieties.
- **Guinea** is projected up 50,000 tons to 700,000 as demand for Indian rice expands.
- **Mexico** is forecast steady at 800,000 due to increased domestic production.
- **Japan** remains stable at 685,000 tons, fulfilling its WTO minimum import commitments.
- **Brazil** is forecast to remain at 600,000 tons on a smaller crop and steady demand.
- **Cuba** is forecast up 70,000 tons to 580,000 due to a smaller crop and steady demand.
- **Kenya** is up 20,000 tons to 520,000 on account of growing population and a preference for basmati rice.
- **Haiti** is forecast up 10,000 tons to 500,000 on expected consumption growth.
- **Indonesia** is forecast to remain at 500,000 tons as domestic production is up and consumption remains relatively flat.
- **South Korea** is steady at 410,000 tons to fulfill WTO minimum import commitments.
- **Venezuela** is forecast up 20,000 tons to 400,000 on expected continued commercial purchases despite financial challenges.
- **Canada** is forecast up 5,000 tons to 370,000 on consumption trends.
- **Turkey** is projected up 20,000 tons to 320,000 as consumption grows moderately. Turkey continues to import primarily paddy and exports milled rice to nearby countries.
- **Bangladesh** is forecast up 150,000 tons to 300,000 on demand for affordable rice from neighboring countries.
- **Madagascar** is expected up 100,000 tons to 300,000 on a smaller crop.
- **Peru** is forecast to remain at 300,000 tons on steady production.
- **Jordan** is stable at 210,000 tons on steady demand.
- **Russia** is expected to stay at 200,000 tons with stable consumption.
- **Tanzania** is projected to stay at 200,000 tons, mostly importing from Pakistan and India.
- **Taiwan** is forecast at 126,000 tons, reflecting WTO minimum import commitments.
- **Colombia** is forecast to remain at 110,000 tons on increased production and intentions to not import over the U.S. TRQ existing under the Colombia-U.S. FTA.
- **Sri Lanka** is projected down 150,000 tons to 50,000 on a significantly larger crop.

Selected Exporters for 2018



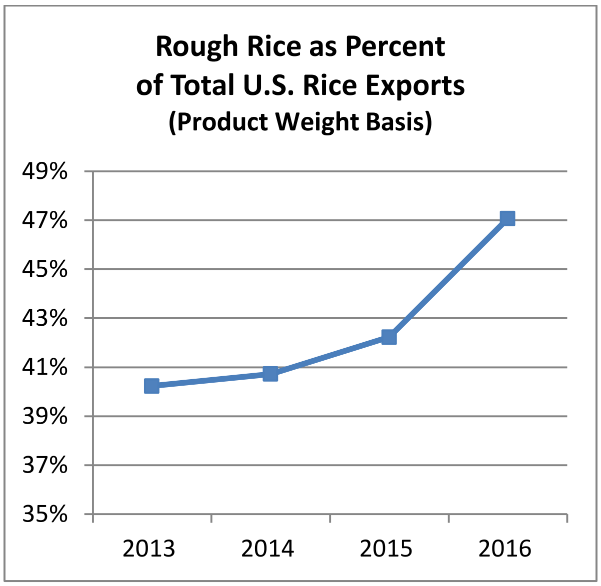
- **India** is forecast steady at 10.0 million tons. Despite a smaller crop and strong domestic demand, basmati and non-basmati exports are expected to remain competitive.
- **Thailand** is forecast to remain at 10.0 million tons. Though production is larger, the carry-in stocks are expected to be lower, limiting the quantity of low-cost rice available for export.
- **Vietnam** is up 400,000 tons to 6.0 million on increased demand from Southeast Asia, especially the Philippines. Border trade to China is still expected to account for the majority of exports.
- **Pakistan** is projected up 100,000 tons to 4.1 million on a larger crop.
- **United States** is forecast down 50,000 tons to 3.5 million on a much smaller crop.
- **Burma** is forecast up 100,000 tons to 1.7 million on higher demand from regional markets and the EU.
- **Cambodia** is projected up 50,000 tons to 1.3 million on a larger crop and continued demand from neighboring countries and the EU.
- **Uruguay** is forecast to remain at 900,000 tons on similar production levels from the previous year.
- **Brazil** is projected down 100,000 tons to 700,000 due to a smaller crop.
- **China** is up 300,000 tons to 800,000 on expected growth of old-crop rice shipments to West Africa.
- **Paraguay** is forecast up 30,000 tons to 500,000 on a large crop.
- **Argentina** is forecast down 100,000 tons to 450,000 from the prior year due to a smaller crop and carry-in supplies and strong regional competition.
- **Australia** is projected up 75,000 tons to 325,000 as another large crop provides sufficient exportable supplies.
- **Egypt** is forecast up 100,000 tons to 200,000 as ample carry-in stocks are expected to once again make exporting to the region a possibility again.

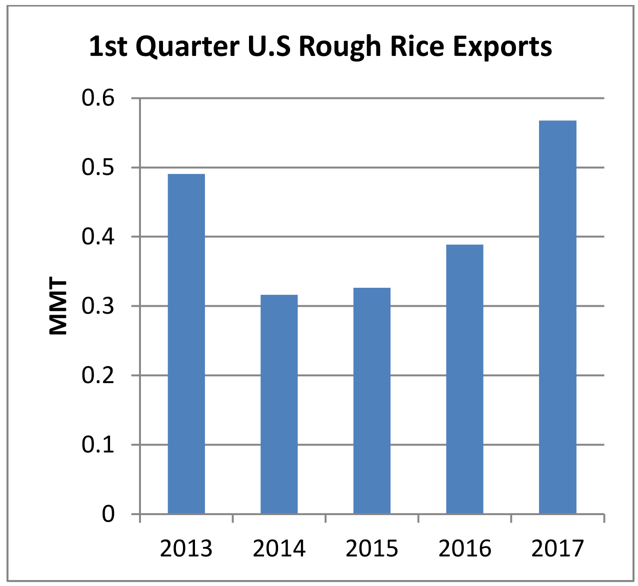
OVERVIEW OF 2016/17

Global production is up marginally from the prior month, with increases in Cambodia, Egypt, and Chad more than offsetting a reduction in Cote d'Ivoire. Global consumption is adjusted down, though still up from the prior year. Ending stocks are revised higher, with increases for India and China more than offsetting a reduction for Thailand. Global trade is down fractionally.

FEATURE

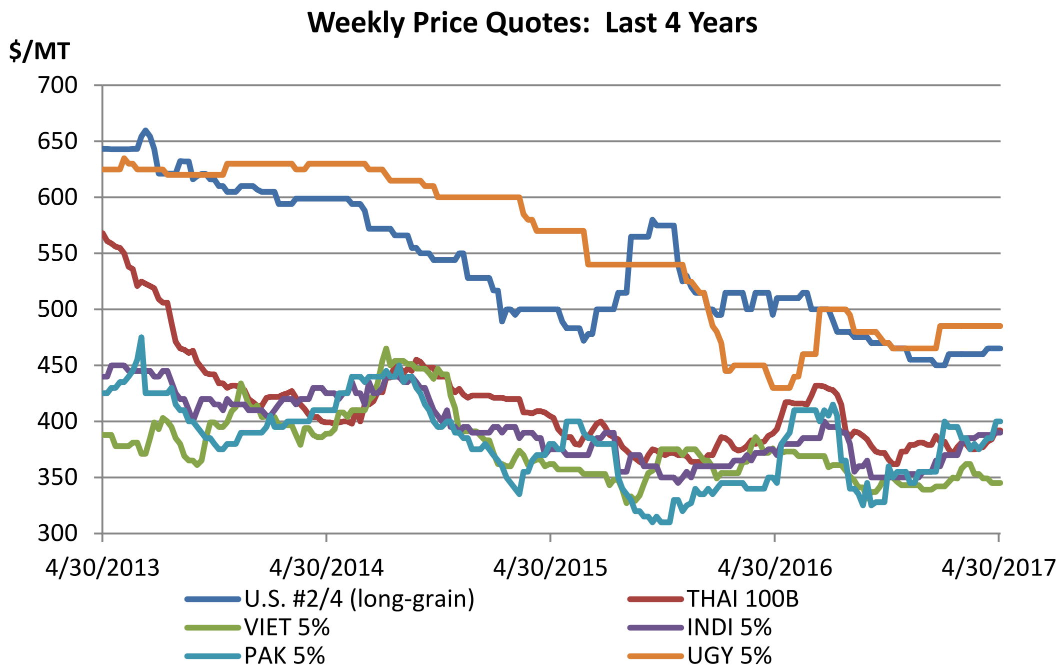
U.S. Rough Rice Exports Growing





Rough rice is becoming an increasingly important part of total U.S. rice exports, driven by robust demand from the Western Hemisphere and the Middle East. On a product-weight basis, rough rice rose to account for over 45 percent of U.S. rice exports in 2016, a trend that has continued into the first quarter of 2017. Exports in the first quarter of 2017 were strong to core Western Hemisphere markets as well as the Middle East. Mexico remained the top market during this period, despite the recent tariff rate quota announced by the Mexican government. Despite economic turmoil, demand in Venezuela has remained strong, with U.S. exports to the country tripling year to date. Shipments to Central America have also grown so far this year. Exports have risen to Libya and Turkey, which have been intermittent medium-grain buyers. Despite some rough rice export competition from South American suppliers, particularly Brazil, Paraguay, and Uruguay, the United States remains the world's largest rough rice supplier.

PRICES



Under recent harvest pressure and weak off-shore demand, Vietnamese exporter quotes have been trending lower. Meanwhile, other Asian suppliers have seen strengthening. Robust demand from Nigeria and Iran has lifted quotes for both Thailand and India. Pakistani quotes are even higher as the country steadily supplies markets in advance of Ramadan. These developments have narrowed the gap between quotes for most Asian exporters and the Western Hemisphere suppliers.

Monthly Trade Changes for 2017

- **Nigeria's** imports are raised 200,000 tons to 2.1 million on recent large parboiled shipments from Thailand and India.
- **Burma's** exports are raised 100,000 tons to 1.6 million on strong exports in the first quarter.
- **Cambodia's** exports are up 200,000 tons to 1.2 million, based on robust regional trade and exports to the EU.

Country series that are being restored: Chad, Morocco, Somalia

Country series that are being discontinued: Armenia, Bosnia and Herzegovina

World Rice Trade

January/December Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
TY Exports						
Argentina	526	494	310	527	550	450
Australia	460	404	323	165	250	325
Brazil	830	852	895	641	800	700
Burma	1,163	1,688	1,735	1,300	1,600	1,700
Cambodia	1,075	1,000	1,150	1,150	1,200	1,250
China	447	393	262	368	500	800
Egypt	700	600	250	200	100	200
European Union	203	284	251	270	250	250
Guyana	346	446	486	460	500	500
India	10,480	11,588	11,046	10,040	10,000	10,000
Pakistan	4,126	3,700	4,000	4,300	4,000	4,100
Paraguay	365	380	371	557	470	500
Thailand	6,722	10,969	9,779	9,867	10,000	10,000
Uruguay	939	957	718	996	900	900
Vietnam	6,700	6,325	6,606	5,088	5,600	6,000
Others	1,115	1,090	1,080	1,149	1,049	1,074
Subtotal	36,197	41,170	39,262	37,078	37,769	38,749
United States	3,295	2,947	3,355	3,541	3,550	3,500
World Total	39,492	44,117	42,617	40,619	41,319	42,249
TY Imports						
Angola	430	500	450	470	475	500
Brazil	712	586	363	771	600	600
Cameroon	550	525	500	500	520	540
China	3,500	4,450	5,150	4,600	5,000	4,800
Cote d'Ivoire	830	950	1,150	1,300	1,350	1,500
Cuba	413	377	575	544	510	580
European Union	1,375	1,556	1,786	1,816	1,850	1,900
Ghana	725	590	580	700	650	675
Guinea	360	520	420	650	650	700
Haiti	416	387	447	431	490	500
Indonesia	650	1,225	1,350	1,000	500	500
Iran	2,220	1,400	1,300	1,100	1,050	1,100
Iraq	1,294	1,080	1,000	930	1,000	1,050
Japan	690	669	688	685	685	685
Kenya	410	440	450	500	500	520
Malaysia	885	989	1,051	823	900	900
Mexico	749	685	719	731	800	800
Mozambique	500	590	575	575	600	625
Nepal	340	520	530	530	550	550
Nigeria	2,400	3,200	2,100	2,400	2,100	2,100
Philippines	1,000	1,800	2,000	800	1,400	1,800
Saudi Arabia	1,326	1,459	1,601	1,300	1,400	1,450
Senegal	902	960	990	980	1,000	1,050
South Africa	990	910	912	954	925	950
United Arab Emirates	540	560	580	670	750	825
Others	11,461	13,475	12,174	11,208	11,689	11,823
Subtotal	35,668	40,403	39,441	36,968	37,944	39,023
Unaccounted	3,149	2,959	2,418	2,883	2,625	2,476
United States	675	755	758	768	750	750
World Total	39,492	44,117	42,617	40,619	41,319	42,249

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

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
Milled Production						
Bangladesh	33,820	34,390	34,500	34,500	34,578	34,700
Brazil	8,037	8,300	8,465	7,210	8,160	8,000
Burma	11,715	11,957	12,600	12,160	12,400	12,300
Cambodia	4,670	4,725	4,700	4,847	4,950	5,000
China	143,000	142,530	144,560	145,770	144,850	145,000
Egypt	4,675	4,750	4,530	4,000	4,800	4,000
India	105,241	106,646	105,482	104,408	106,500	106,000
Indonesia	36,550	36,300	35,560	36,200	37,150	37,000
Japan	7,907	7,931	7,849	7,670	7,780	7,600
Korea, South	4,006	4,230	4,241	4,327	4,197	3,900
Pakistan	5,536	6,798	6,900	6,800	6,800	6,900
Philippines	11,428	11,858	11,915	11,000	11,500	11,200
Sri Lanka	2,703	2,727	2,735	3,294	2,350	3,300
Thailand	20,200	20,460	18,750	15,800	18,600	19,500
Vietnam	27,537	28,161	28,166	27,584	27,861	28,100
Others	39,151	40,426	40,352	40,125	41,947	42,416
Subtotal	466,176	472,189	471,305	465,695	474,423	474,916
United States	6,348	6,117	7,106	6,133	7,117	6,382
World Total	472,524	478,306	478,411	471,828	481,540	481,298
Consumption and Residual						
Bangladesh	34,500	34,900	35,100	35,100	35,000	35,000
Brazil	7,850	7,900	7,925	7,900	7,900	7,900
Burma	10,400	10,450	10,700	10,750	10,800	10,850
Cambodia	3,550	3,650	3,615	3,700	3,725	3,750
China	141,000	143,000	144,500	144,000	143,500	143,000
Egypt	4,050	4,000	4,000	3,900	4,200	4,250
India	93,972	98,727	98,244	93,568	96,000	97,500
Indonesia	38,127	38,500	38,300	37,800	37,600	37,400
Japan	8,351	8,380	8,600	8,600	8,550	8,500
Korea, South	4,489	4,422	4,197	4,212	4,700	4,650
Nepal	3,353	3,831	3,770	3,353	3,774	3,800
Nigeria	5,300	5,500	5,400	5,200	5,100	4,900
Philippines	12,850	12,850	13,200	13,000	12,900	12,900
Thailand	10,500	10,600	10,000	9,100	11,000	11,500
Vietnam	21,600	22,000	22,000	22,600	22,700	22,700
Others	58,952	61,191	61,595	62,569	63,998	65,201
Subtotal	461,453	474,203	473,076	467,611	474,482	476,118
United States	3,779	3,977	4,301	3,555	4,190	3,969
World Total	465,232	478,180	477,377	471,166	478,672	480,087
Ending Stocks						
China	49,832	53,102	57,436	63,735	69,585	75,685
India	25,500	22,800	17,800	18,400	18,900	17,400
Indonesia	6,476	5,501	4,111	3,509	3,539	3,619
Japan	2,857	3,007	2,821	2,532	2,372	2,077
Korea, South	780	899	1,406	1,831	1,736	1,394
Philippines	1,487	1,695	2,210	1,810	1,410	1,510
Thailand	12,808	11,999	11,270	8,403	6,253	4,503
Others	12,975	13,969	16,425	13,998	13,238	12,374
Subtotal	112,715	112,972	113,479	114,218	117,033	118,562
United States	1,156	1,025	1,552	1,475	1,528	1,210
World Total	113,871	113,997	115,031	115,693	118,561	119,772

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

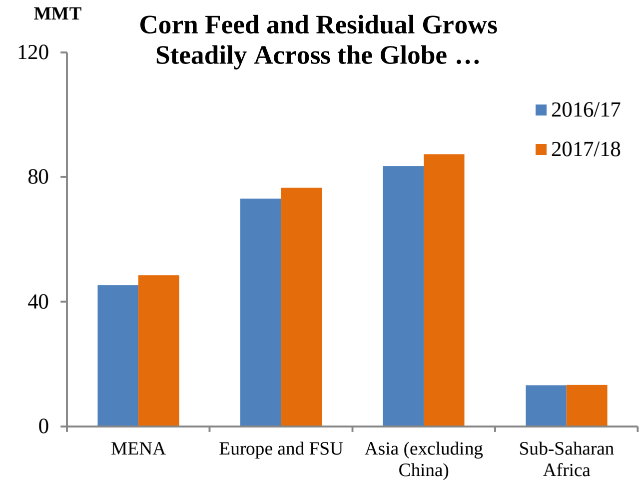
	2012/13	2013/14	2014/15	2015/16	2016/17	May 2017/18
TY Imports						
North America	1,779	1,801	1,839	1,855	1,915	1,920
Caribbean	969	911	1,174	1,135	1,195	1,235
South America	1,833	1,814	1,685	1,955	1,672	1,662
Other Europe	125	132	128	136	140	140
Former Soviet Union - 12	557	626	571	455	461	470
Middle East	7,252	6,711	6,464	5,691	6,075	6,335
North Africa	487	470	396	446	535	435
Sub-Saharan Africa	11,567	12,658	11,355	12,349	12,270	12,920
East Asia	5,349	6,044	6,686	6,097	6,616	6,416
South Asia	722	2,576	1,693	905	1,210	1,220
Southeast Asia	3,506	5,023	5,677	3,883	3,930	4,305
Others	2,197	2,392	2,531	2,829	2,675	2,715
Total	36,343	41,158	40,199	37,736	38,694	39,773
Production						
North America	6,479	6,248	7,285	6,289	7,307	6,581
Caribbean	974	1,054	979	992	982	933
South America	15,852	16,384	16,431	15,399	16,351	16,665
European Union - 28	2,100	1,937	1,954	2,045	2,070	2,082
Former Soviet Union - 12	1,294	1,205	1,185	1,262	1,261	1,267
Middle East	2,274	2,417	2,245	2,392	2,455	2,475
North Africa	4,724	4,776	4,553	4,044	4,837	4,040
Sub-Saharan Africa	13,255	14,123	14,563	14,835	15,276	15,191
East Asia	157,953	157,701	159,486	160,179	159,571	159,244
South Asia	150,628	154,255	153,156	152,263	153,855	154,553
Southeast Asia	115,490	116,867	115,367	111,317	116,232	116,921
Others	1,501	1,339	1,207	811	1,343	1,346
Total	472,524	478,306	478,411	471,828	481,540	481,298
Domestic Consumption						
North America	4,987	5,216	5,539	4,789	5,455	5,249
Central America	1,171	1,200	1,203	1,338	1,363	1,326
Caribbean	1,954	1,992	2,051	2,127	2,181	2,203
South America	14,338	14,584	14,635	14,814	14,788	15,008
European Union - 28	3,250	3,250	3,400	3,550	3,650	3,750
Former Soviet Union - 12	1,579	1,605	1,507	1,506	1,519	1,527
Middle East	8,939	9,140	9,000	8,562	8,633	8,855
North Africa	4,592	4,452	4,407	4,274	4,622	4,675
Sub-Saharan Africa	24,704	26,214	26,641	26,891	27,588	27,828
East Asia	157,459	159,414	160,566	159,634	159,885	159,285
South Asia	137,343	143,331	143,183	138,819	141,527	143,173
Southeast Asia	101,594	102,763	102,757	102,070	103,876	104,326
Others	713	717	558	533	550	565
Total	462,623	473,878	475,447	468,907	475,637	477,770
Ending Stocks						
North America	1,349	1,184	1,717	1,602	1,743	1,512
Central America	186	210	233	305	293	283
Caribbean	289	264	223	234	215	170
South America	1,583	1,837	2,187	1,444	1,448	1,562
European Union - 28	1,188	1,163	1,151	1,178	1,198	1,180
Middle East	1,900	1,777	1,742	1,109	956	861
North Africa	427	610	924	924	1,574	1,174
Sub-Saharan Africa	2,323	2,353	2,437	1,893	1,581	1,619
East Asia	53,832	57,296	61,919	68,341	73,996	79,519
South Asia	26,891	24,920	21,428	21,371	20,829	19,324
Southeast Asia	23,486	21,976	20,660	17,058	14,404	12,209
Oceania	238	241	223	75	192	247
Others	179	166	187	159	132	112
Total	113,871	113,997	115,031	115,693	118,561	119,772

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.

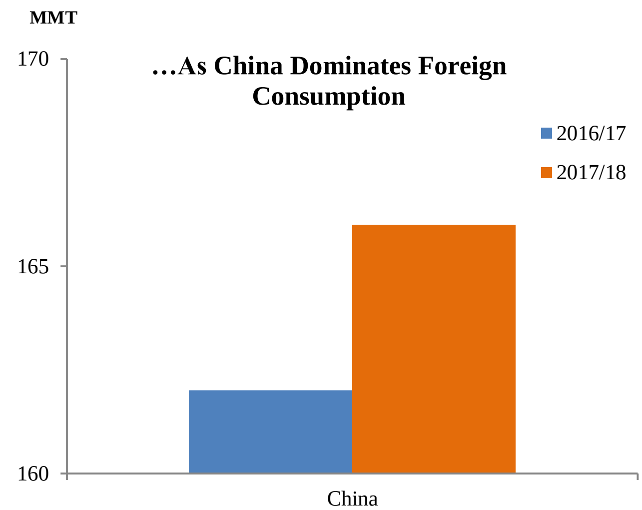
COARSE GRAINS: WORLD MARKETS AND TRADE

OVERVIEW FOR 2017/18

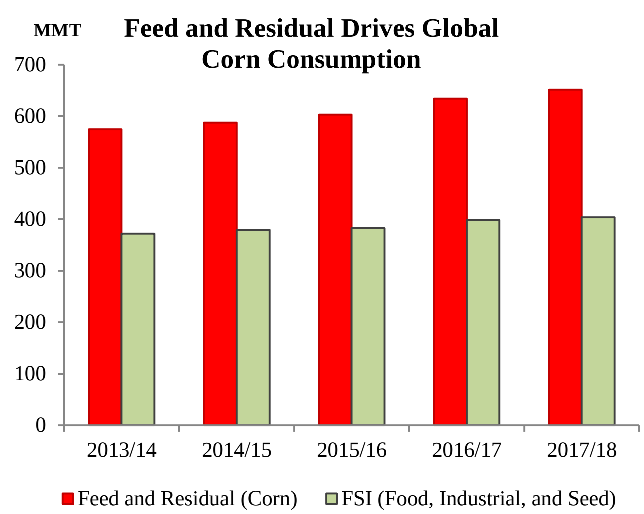
Global production is forecast to fall from last year's record driven by smaller crops across all **coarse grains** – corn, barley, sorghum, oats, and rye. Nevertheless, global consumption is expected to rise moderately as greater use of corn is expected to supplant demand for other coarse grains, particularly in Asia and MENA (Middle East and North Africa). An insatiable appetite for low-priced feed grains is expected to grow, driven by economic growth and rising populations. Reduced production coupled with greater consumption is expected to drawdown global ending stocks from last year's record.



Global **corn** production is projected down from last year's record largely due to reduced crops in the United States and China. Global consumption is set to outpace production as large beginning stocks is projected to make corn a very affordable feedstuff. Competitive prices and projected record supplies in South America are expected to boost global trade year-over-year. Global ending stocks are projected to fall for the first time since 2010/11, primarily driven by China, where the government actively promotes the use of domestic corn for feed and industrial purposes.



World **barley** production is expected to drop significantly with reduced crops for Australia, Canada, Kazakhstan, and Ukraine. Australia's 2017/18 crop is expected to return to normal conditions after a record harvest the preceding year. Global trade is forecast lower with less exportable supplies and prospects for higher prices. Saudi Arabia will continue as the world's largest importer; China is the second largest, importing for both feed and malting purposes. Smaller global imports are expected to be led by subdued demand in China, where competitively priced domestic supplies are expected to limit feed grain imports.



Global **sorghum** production is forecast lower as declines for Argentina, India, and the United States more than offset gains for Australia, Burkina Faso, Ethiopia, and Mexico. Global trade is forecast lower on reduced demand in China, the top importer, along with relatively tighter supplies in exporting countries.

HIGHLIGHTS FOR 2017/18

Selected Exporters

- **U.S. corn** is projected to sharply fall 8.5 million tons to 47.5 million on expected strong competition from Argentina and Brazil. **Sorghum** is forecast down 600,000 tons to 5.2 million with the expectation of softening demand in China, a top destination.

- **Argentine corn** is projected up 1.0 million tons to a record 27.0 million on a large crop. Since the removal of quantitative restrictions in late 2015, exports have remained strong, and producers continue to favor sales over keeping corn in storage.

- **Brazilian corn** is forecast up 10.0 million tons to 33.0 million on large supplies. With relatively abundant domestic supplies, imports are expected to fall 1.9 million tons to 300,000.

- **EU corn** is projected up 500,000 tons to 2.5 million while imports are boosted 900,000 tons to 14.0 million as a result of abundant supplies from Ukraine and South America. **Barley** exports are forecast up 1.6 million tons to 7.0 million reflecting a larger crop and expectations of robust demand from Spain with diminished winter crop prospects.

- **Ukrainian corn** is forecast up 1.0 million tons to 20.0 million on expected growth in the Middle East and North Africa as well as the EU. The country's export capacity is expected to strengthen with additional investment in logistical infrastructure and growing number of import markets. **Barley** exports are projected to plunge 1.9 million tons to 3.6 million on smaller crop prospects.

- **Russian corn** is forecast up 200,000 tons to 5.5 million with expected robust demand from traditional markets in the Middle East and the EU, as well as growing markets in East Asia. **Barley** is forecast up 200,000 tons to 3.6 million on continued strength in demand from Middle East buyers.

- **Australian barley** is forecast to plummet 2.7 million tons to 6.0 million on a smaller expected crop, as the preceding harvest broke records for both production and yield.

Selected Importers

- **Chinese corn** is forecast at 3.0 million tons, the same as a year ago, reflecting the Tariff Rate Quota allotted for the private sector under China's WTO commitments. Imports for both **barley** and **sorghum** are projected to fall sharply with tighter global supplies. The government's effort to promote the use of domestic corn is expected to limit import demand. Barley imports are forecast down 1.4 million tons to 4.5 million, while sorghum imports are forecast down 500,000 tons to 4.2 million.

- **Bangladesh corn** is projected to increase 100,000 tons to 1.1 million on robust demand from both the poultry and aquaculture sectors. Corn consumption has witnessed continuous robust growth recently.

  *Note: **Bangladesh** has been added to the corn PSD database starting from the 2009/2010 marketing year (May-April basis). The country is a significant importer of corn, witnessing steady growth in its poultry and aquaculture industries. Bangladesh's major suppliers include India, Ukraine, the United States, and Brazil.

- **Egyptian corn** is forecast up 1.0 million tons to a record 10.0 million on continued growth in feed demand for the poultry sector. Egypt is expected to lead feed demand growth in North Africa.

- **Iranian corn** is forecast up 500,000 tons to a record 9.0 million with strong feed demand.

- **Mexican corn** is projected up 700,000 tons to a record 15.5 million on growing feed demand for the livestock sector. Mexico depends on imports of yellow corn for feed use, while the domestic crop, primarily white corn, is used for food. **Sorghum** imports are expected to fall 200,000 tons to 500,000 on a projected larger crop.

- **South Korean corn** is projected 400,000 tons higher to 10.2 million with abundant global corn supplies supplanting demand for feed-quality wheat.

- **Vietnamese corn** is projected up 1.0 million tons to a record 10.5 million on prospects for continued growth in feed use for the livestock and aquaculture sectors.

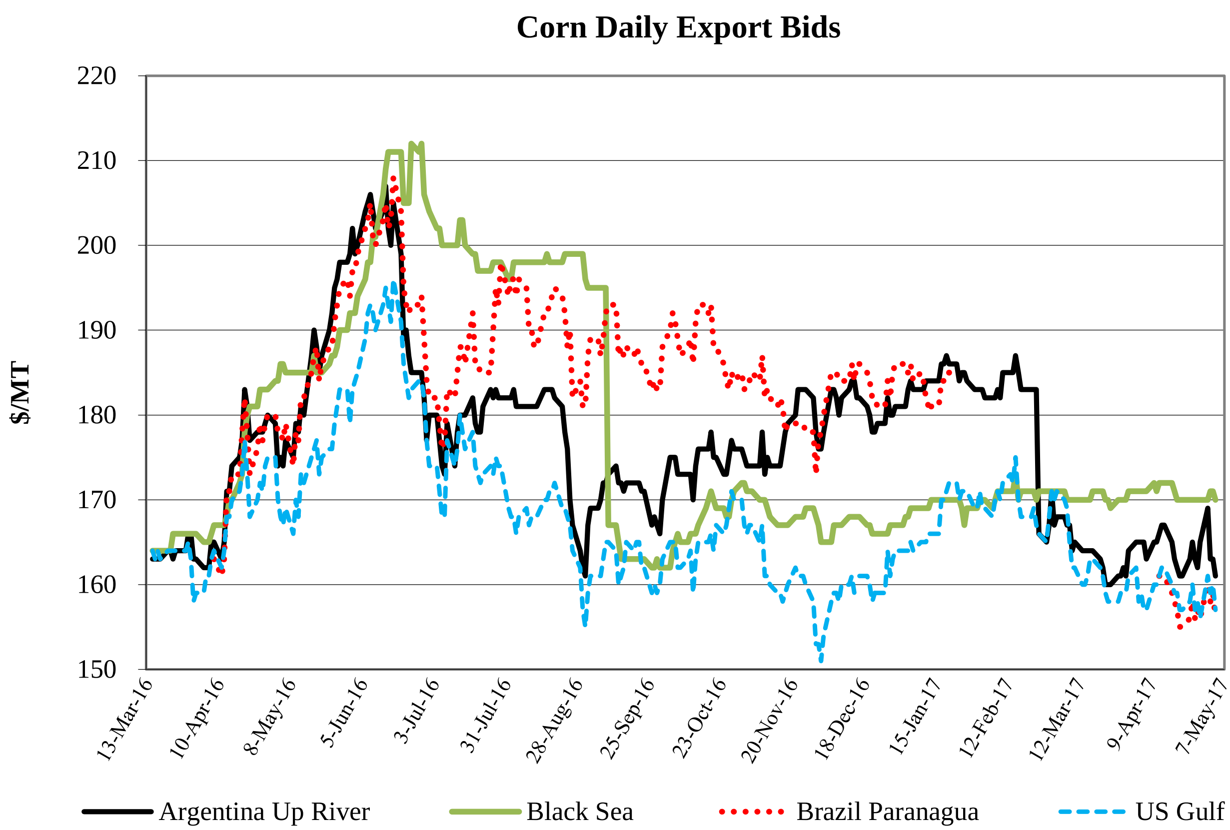
- **Saudi barley** is forecast down 1.0 million tons to 10.0 million, while **corn** is forecast up 800,000 tons to a record 4.5 million. Stronger demand for corn is expected to mostly offset reduced imports of feed barley.

OVERVIEW FOR 2016/17

2016/17 global corn production is higher this month on forecast record crops for Argentina and Brazil. Global trade is up with larger imports for Kenya and Bangladesh. Bangladesh is a new addition to the database, and is projected to import 1 million metric tons to support its thriving poultry and aquaculture industries. Exports for both Argentina and Brazil are forecast at new records. The 2016/17 season-average farm price is unchanged from last month's estimate at $3.40 per bushel.

The 2017/18 season-average farm price is projected between $3.00 and $3.80 per bushel, unchanged to the midpoint from the current 2016/17 estimate.

PRICES



Global corn prices are mostly unchanged from last month with prospects for larger crops in South America. Competitvely priced Brazilian quotes entered the scene this month, ending at $156/ton. Argentine prices experienced unusual volatility ending at $161/ton, dropping $4/ton on prospects for ample supplies. Black Sea prices remain flat at $170/ton, while U.S. quotes continue to be competititvely priced at $157/ton. However, from June onward, prospects of competitive U.S. pricing are projected to weaken.

TRADE CHANGES IN 2016/17

Selected Exporters

- **U.S. corn** is down 500,000 tons to 56.0 million on prospects for stronger competition this summer from South America.

- **Argentine corn** is up 500,000 tons to 27.0 million reflecting improved competitiveness and record port shipments during the month of April.

- **Brazilian corn** is up 500,000 tons to 23.0 million on expected competitiveness this Jun-Sep boosted by abundant supplies from the *safinha* crop, which will start to be harvested in a few weeks.

- **Ukrainian corn** is boosted 300,000 tons to 19.0 million on account of sales to Kenya where imports of yellow corn are required to be non-GMO.

- **Australian barley** is raised 600,000 tons to 8.7 million with robust demand from China and with competitive prices.

Selected Importers

- **Kenyan corn** is up 450,000 tons to 1.5 million reflecting government measures to mitigate the impact of drought on the domestic market.

- **Turkey corn** is cut 500,000 tons to 1.0 million reflecting a slow recovery in the poultry sector; poultry producers purchase corn at zero duty under the Inward Processing Regime. Otherwise, corn imports are assessed a 130 percent duty.

- **Chinese barley** is boosted 500,000 tons to 5.9 million reflecting large purchases in recent months from Australia. **Sorghum** is boosted 200,000 tons to 4.7 million on relatively strong purchases from the United States.

World Coarse Grain Trade

October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
TY Exports						
Argentina	29,497	16,630	21,003	25,284	29,955	30,205
Australia	6,411	7,004	7,286	6,389	9,475	7,025
Brazil	26,078	22,059	21,954	35,415	23,030	33,015
Canada	4,658	5,482	3,599	4,687	4,350	4,550
European Union	8,943	7,841	15,068	10,934	7,730	9,805
Paraguay	2,861	2,718	3,031	2,677	2,315	2,515
Russia	4,366	7,074	9,155	8,465	8,735	9,160
Serbia	605	1,799	3,001	1,546	2,560	2,550
South Africa	2,412	2,128	762	764	1,825	1,710
Ukraine	15,527	24,125	24,208	21,457	24,660	23,810
Others	10,454	11,611	8,427	7,907	7,545	6,560
Subtotal	111,812	108,471	117,494	125,525	122,180	130,905
United States	20,586	56,776	56,423	59,295	61,960	52,865
World Total	132,398	165,247	173,917	184,820	184,140	183,770
TY Imports						
Algeria	3,289	4,946	4,863	5,224	5,425	5,325
Chile	1,327	1,621	1,707	1,805	2,025	2,220
China	5,603	12,445	25,699	17,499	13,850	12,000
Colombia	4,090	4,795	4,747	4,824	5,040	5,335
Dominican Republic	1,046	1,011	1,202	1,351	1,350	1,400
Egypt	5,097	8,775	7,940	8,849	9,105	10,100
European Union	11,778	16,355	9,408	14,261	13,705	14,555
Guatemala	678	767	881	1,027	1,000	1,100
Iran	4,800	6,600	8,000	8,300	9,900	10,300
Israel	1,564	2,073	1,603	1,510	1,670	1,695
Japan	17,742	17,501	16,726	17,063	16,870	16,720
Jordan	1,406	1,672	1,459	1,722	1,475	1,400
Kenya	202	894	1,017	1,109	1,550	1,200
Korea, South	8,265	10,499	10,245	10,192	9,885	10,270
Libya	1,220	1,493	1,685	1,905	1,500	1,500
Malaysia	3,048	3,485	3,238	4,134	3,800	4,000
Mexico	7,624	11,312	11,640	14,881	15,650	16,200
Morocco	1,832	2,858	2,217	3,182	2,900	3,000
Peru	2,404	2,336	2,863	3,083	3,235	3,420
Saudi Arabia	12,390	11,332	11,115	13,992	14,710	14,510
Taiwan	4,413	4,346	3,938	4,781	4,700	4,600
Tunisia	1,608	1,449	1,525	1,713	1,650	1,800
Turkey	1,922	1,977	2,719	713	1,155	1,755
Venezuela	2,154	2,627	2,433	1,738	1,700	1,600
Vietnam	1,600	4,300	6,700	8,600	9,500	10,500
Others	16,320	19,267	20,826	23,796	23,096	19,146
Subtotal	123,422	156,736	166,396	177,254	176,446	175,651
Unaccounted	2,461	5,188	4,226	3,584	4,229	4,569
United States	6,515	3,323	3,295	3,982	3,465	3,550
World Total	132,398	165,247	173,917	184,820	184,140	183,770

TY=Trade Year, see Endnotes.

World Coarse Grains Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
Production						
Argentina	37,246	35,665	36,782	37,939	47,778	47,654
Australia	11,414	12,158	12,605	12,437	16,634	11,876
Brazil	84,253	82,634	87,714	69,129	98,853	97,601
Canada	24,445	28,745	21,992	25,619	25,630	26,775
China	211,842	225,062	222,405	231,402	227,439	223,040
Ethiopia	12,286	13,079	14,442	13,035	12,700	13,235
European Union	146,188	159,212	170,670	152,652	151,960	155,000
India	39,910	43,216	43,076	38,701	44,200	42,200
Indonesia	8,500	9,100	9,000	10,500	10,900	11,350
Mexico	28,881	32,065	32,689	32,378	33,207	31,825
Nigeria	18,573	19,292	19,015	17,950	18,500	18,250
Russia	28,658	35,735	40,386	37,427	40,765	41,150
South Africa	12,873	15,518	11,110	8,678	15,867	13,043
Turkey	10,579	13,074	9,393	14,243	10,893	11,143
Ukraine	29,528	40,022	39,389	33,387	39,255	36,790
Others	148,991	151,699	162,850	155,805	160,909	160,502
Subtotal	854,167	916,276	933,518	891,282	955,490	941,434
United States	285,311	367,089	377,234	367,009	402,598	370,392
World Total	1,139,478	1,283,365	1,310,752	1,258,291	1,358,088	1,311,826
Domestic Consumption						
Argentina	12,050	13,695	14,232	14,271	15,993	16,484
Brazil	55,803	58,053	60,048	60,243	63,292	64,250
Canada	20,340	22,345	21,295	21,236	22,050	23,415
China	209,346	223,196	228,709	238,740	250,730	255,480
Egypt	12,910	14,122	14,832	15,803	16,058	16,858
European Union	153,341	164,401	162,592	157,260	159,820	160,820
India	35,075	37,600	40,450	40,170	42,300	43,500
Iran	10,520	11,320	12,020	13,820	15,920	16,720
Japan	17,830	17,570	16,874	17,257	17,181	17,051
Mexico	36,195	40,935	42,175	44,715	46,945	48,190
Nigeria	18,700	19,350	18,950	18,150	18,500	18,450
Russia	25,134	28,619	31,139	29,640	31,325	32,650
Saudi Arabia	10,750	11,411	11,905	14,105	15,105	16,105
Ukraine	14,661	15,977	15,430	13,865	13,925	13,755
Vietnam	6,400	8,200	9,400	12,250	13,000	13,900
Others	228,521	237,239	247,984	250,631	255,546	257,556
Subtotal	861,848	931,057	964,030	943,238	1,017,852	1,023,069
United States	275,537	305,044	311,339	312,705	329,565	326,863
World Total	1,137,385	1,236,101	1,275,369	1,255,943	1,347,417	1,349,932
Ending Stocks						
Argentina	2,471	3,169	4,274	2,617	4,102	4,172
Brazil	9,560	14,265	8,239	7,072	9,703	9,889
Canada	3,024	4,648	3,334	4,667	4,987	4,657
China	68,266	82,544	101,917	112,051	102,575	82,105
European Union	13,055	15,565	18,885	15,403	13,493	12,473
Iran	4,654	5,094	7,134	7,174	6,814	5,854
Mexico	1,542	3,487	4,832	5,889	7,001	6,136
Others	37,721	48,003	50,908	45,834	48,539	39,619
Subtotal	140,293	176,775	199,523	200,707	197,214	164,905
United States	23,531	34,313	46,948	48,112	62,276	56,479
World Total	163,824	211,088	246,471	248,819	259,490	221,384

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	May 2017/18
TY Imports						
North America	14,661	15,349	16,648	19,954	20,205	20,610
Central America	2,470	2,923	3,456	3,938	3,925	4,100
Caribbean	2,327	2,330	2,444	2,597	2,710	2,830
South America	11,812	13,180	13,355	13,937	15,805	14,280
European Union - 28	11,778	16,355	9,408	14,261	13,705	14,555
Former Soviet Union - 12	728	807	723	550	710	630
Middle East	24,939	26,475	27,599	29,745	32,145	32,585
North Africa	13,046	19,521	18,230	20,873	20,580	21,725
Sub-Saharan Africa	2,737	3,616	4,569	7,060	6,965	5,160
East Asia	36,176	44,865	56,655	49,569	45,375	43,640
Southeast Asia	7,961	12,814	14,736	15,810	15,175	16,115
Others	1,302	1,824	1,868	2,942	2,611	2,971
Total	129,937	160,059	169,691	181,236	179,911	179,201
Production						
North America	338,637	427,899	431,915	425,006	461,435	428,992
South America	136,237	132,308	138,850	122,167	159,385	158,752
European Union - 28	146,188	159,212	170,670	152,652	151,960	155,000
Other Europe	6,567	8,992	10,927	9,271	11,328	10,522
Former Soviet Union - 12	68,343	87,859	91,821	82,551	93,016	90,186
Middle East	18,827	22,274	17,931	23,165	19,705	19,606
North Africa	10,473	11,560	11,092	12,397	9,334	11,039
Sub-Saharan Africa	103,692	102,821	109,394	97,938	109,765	105,916
East Asia	214,266	227,452	225,183	234,045	230,094	225,701
South Asia	50,001	54,221	54,182	50,176	56,261	54,734
Southeast Asia	29,331	31,006	30,949	31,550	33,881	34,233
Oceania	12,082	12,794	13,283	13,129	17,209	12,446
Others	4,834	4,967	4,555	4,244	4,715	4,699
Total	1,139,478	1,283,365	1,310,752	1,258,291	1,358,088	1,311,826
Domestic Consumption						
North America	332,072	368,324	374,809	378,656	398,560	398,468
South America	90,010	94,751	97,575	98,412	102,995	105,218
European Union - 28	153,341	164,401	162,592	157,260	159,820	160,820
Other Europe	7,098	7,803	8,347	8,650	8,929	9,152
Former Soviet Union - 12	50,325	55,861	58,303	54,775	57,372	58,496
Middle East	42,845	46,218	45,632	51,742	53,224	54,624
North Africa	25,171	28,059	30,230	32,291	31,613	32,833
Sub-Saharan Africa	103,314	102,541	109,947	105,526	110,038	109,246
East Asia	242,506	257,340	262,558	273,006	284,992	289,989
South Asia	45,204	48,965	52,095	53,181	55,930	57,649
Southeast Asia	35,587	39,043	41,183	43,942	45,966	47,350
Oceania	6,107	5,754	5,846	6,654	6,599	6,636
Others	9,533	10,017	10,257	10,766	11,217	11,566
Total	1,143,113	1,229,077	1,259,374	1,274,861	1,327,255	1,342,047
Ending Stocks						
North America	28,097	42,448	55,114	58,668	74,264	67,272
South America	15,227	21,351	15,887	13,951	17,345	17,239
European Union - 28	13,055	15,565	18,885	15,403	13,493	12,473
Other Europe	619	827	1,107	913	1,614	1,264
Former Soviet Union - 12	5,038	7,015	7,493	4,548	6,542	4,972
Middle East	9,992	11,820	12,620	14,309	13,010	10,477
North Africa	3,584	5,629	5,443	5,884	4,425	4,346
Sub-Saharan Africa	8,982	9,485	12,109	8,722	10,384	8,884
East Asia	71,567	86,556	105,819	116,403	106,845	86,167
South Asia	2,410	4,025	5,187	3,162	4,459	2,935
Southeast Asia	3,579	4,324	4,204	4,673	3,638	3,211
Oceania	906	1,119	1,639	1,262	2,442	1,072
Others	768	924	964	921	1,029	1,072
Total	163,824	211,088	246,471	248,819	259,490	221,384

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

World Corn Trade

October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
TY Exports						
Argentina	22,789	12,846	18,448	21,672	27,000	27,500
Brazil	26,044	22,041	21,909	35,382	23,000	33,000
Burma	750	1,100	1,250	1,000	1,100	1,200
Canada	1,813	1,939	395	1,764	1,100	1,500
European Union	2,194	2,404	4,027	1,949	2,000	2,500
Paraguay	2,858	2,714	3,012	2,662	2,300	2,500
Russia	1,917	4,194	3,213	4,691	5,300	5,500
Serbia	578	1,780	2,964	1,513	2,500	2,500
South Africa	2,398	2,104	746	759	1,800	1,700
Ukraine	12,726	20,004	19,661	16,595	19,000	20,000
Others	8,417	9,013	5,984	5,745	4,960	4,335
Subtotal	82,484	80,139	81,609	93,732	90,060	102,235
United States	18,262	50,691	46,831	51,198	56,000	47,500
World Total	100,746	130,830	128,440	144,930	146,060	149,735
TY Imports						
Algeria	2,918	4,156	4,116	4,329	4,500	4,700
Bangladesh	292	488	482	1,042	1,000	1,100
Chile	844	1,456	1,516	1,600	1,800	2,000
China	2,702	3,277	5,516	3,174	3,000	3,000
Colombia	3,266	4,436	4,496	4,458	4,700	5,000
Cuba	911	928	886	853	925	1,000
Dominican Republic	1,046	1,011	1,202	1,351	1,350	1,400
Egypt	5,059	8,726	7,841	8,776	9,000	10,000
European Union	11,362	16,014	8,908	13,768	13,100	14,000
Guatemala	678	767	881	1,027	1,000	1,100
Iran	3,700	5,500	6,100	6,600	8,500	9,000
Israel	1,224	1,652	1,296	1,152	1,350	1,400
Japan	14,411	15,121	14,657	15,194	15,000	15,000
Kenya	100	800	900	1,000	1,450	1,100
Korea, South	8,174	10,406	10,168	10,121	9,800	10,200
Malaysia	3,048	3,485	3,238	4,134	3,800	4,000
Mexico	5,676	10,949	11,341	14,011	14,800	15,500
Morocco	1,684	2,349	1,941	2,224	2,300	2,500
Peru	2,254	2,232	2,741	2,985	3,100	3,300
Saudi Arabia	2,063	2,684	2,904	3,583	3,700	4,500
Taiwan	4,241	4,179	3,810	4,656	4,600	4,500
Tunisia	846	993	1,042	1,017	1,200	1,300
Turkey	1,656	1,381	2,377	567	1,000	1,500
Venezuela	2,154	2,626	2,433	1,738	1,700	1,600
Vietnam	1,600	4,300	6,700	8,600	9,500	10,500
Others	13,103	16,392	17,781	19,664	19,030	15,415
Subtotal	95,012	126,308	125,273	137,624	141,205	144,615
Unaccounted	1,469	3,795	2,358	5,527	3,455	3,820
United States	4,265	727	809	1,779	1,400	1,300
World Total	100,746	130,830	128,440	144,930	146,060	149,735

TY=Trade Year, see Endnotes.

World Corn Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
Production						
Argentina	27,000	26,000	29,750	29,000	40,000	40,000
Brazil	81,500	80,000	85,000	67,000	96,000	95,000
Canada	13,060	14,194	11,487	13,559	13,200	15,200
China	205,614	218,489	215,646	224,632	219,554	215,000
Ethiopia	6,158	6,492	7,235	6,800	6,350	6,700
European Union	59,142	64,931	75,734	58,731	60,711	63,500
India	22,258	24,259	24,170	22,570	26,000	25,000
Indonesia	8,500	9,100	9,000	10,500	10,900	11,350
Mexico	21,591	22,880	25,480	25,971	27,000	25,000
Nigeria	7,630	7,700	7,515	7,000	7,200	6,900
Philippines	7,261	7,532	7,671	6,970	8,110	8,300
Russia	8,213	11,635	11,325	13,168	15,305	16,000
Serbia	3,750	5,900	7,700	6,000	7,600	7,000
South Africa	12,365	14,925	10,629	8,214	15,300	12,500
Ukraine	20,922	30,900	28,450	23,333	28,000	28,000
Others	94,478	97,539	100,651	99,110	99,106	100,947
Subtotal	599,442	642,476	657,443	622,558	680,336	676,397
United States	273,192	351,272	361,091	345,506	384,778	357,267
World Total	872,634	993,748	1,018,534	968,064	1,065,114	1,033,664
Total Consumption						
Argentina	7,900	8,800	9,300	9,150	10,700	11,300
Brazil	52,500	55,000	57,000	57,500	60,000	61,000
Canada	11,604	12,675	12,820	12,354	12,920	14,100
China	200,000	208,000	202,000	217,500	232,000	238,000
Egypt	12,000	13,200	13,900	14,850	15,100	15,900
European Union	69,846	76,796	77,880	73,500	72,500	75,000
India	17,500	19,600	22,350	23,550	24,600	25,800
Indonesia	10,900	11,900	12,200	12,100	12,200	12,200
Iran	6,200	6,800	7,400	8,800	11,100	12,100
Japan	14,300	15,000	14,600	15,200	15,100	15,100
Korea, South	8,481	9,891	10,250	10,123	9,900	10,300
Mexico	27,000	31,700	34,550	37,300	39,800	40,700
Russia	6,400	7,500	8,100	8,700	9,600	10,400
South Africa	11,000	11,500	11,650	11,200	11,700	11,700
Vietnam	6,400	8,200	9,400	12,250	13,000	13,900
Others	146,603	156,608	161,826	162,772	167,237	172,063
Subtotal	604,475	659,125	682,161	666,234	738,103	746,690
United States	262,973	292,958	301,792	298,869	315,482	315,609
World Total	867,448	952,083	983,953	965,103	1,053,585	1,062,299
Ending Stocks						
Argentina	1,308	1,408	2,898	1,053	2,858	3,063
Brazil	9,150	13,972	7,842	6,769	9,269	9,569
Canada	1,549	1,600	1,402	2,243	2,423	2,823
China	67,579	81,323	100,472	110,774	101,308	81,288
European Union	5,146	6,891	9,626	6,676	5,987	5,987
Iran	3,236	4,476	5,716	6,056	5,996	5,436
Mexico	975	2,603	4,090	5,213	6,413	5,513
Others	23,362	31,264	33,390	29,464	31,348	27,987
Subtotal	112,305	143,537	165,436	168,248	165,602	141,666
United States	20,859	31,292	43,974	44,123	58,298	53,599
World Total	133,164	174,829	209,410	212,371	223,900	195,265

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	May 2017/18
TY Imports						
North America	10,433	12,354	13,686	16,739	17,200	17,600
Central America	2,470	2,922	3,456	3,938	3,925	4,100
South America	9,651	12,025	12,042	12,523	14,330	12,850
European Union - 28	11,362	16,014	8,908	13,768	13,100	14,000
Former Soviet Union - 12	322	448	491	356	395	360
Middle East	10,804	13,672	15,147	14,896	17,325	19,200
North Africa	11,154	17,036	15,624	16,927	17,700	19,300
Sub-Saharan Africa	2,087	2,941	3,776	6,311	6,160	4,280
East Asia	29,681	33,057	34,198	33,179	32,470	32,750
Southeast Asia	7,943	12,768	14,722	15,795	15,160	16,100
Caribbean	2,327	2,330	2,444	2,597	2,705	2,830
Others	1,043	1,468	1,588	2,374	2,135	2,545
Total	99,277	127,035	126,082	139,403	142,605	145,915
Production						
North America	307,843	388,346	398,058	385,036	424,978	397,467
South America	120,997	117,456	126,892	108,736	146,177	145,915
European Union - 28	59,142	64,931	75,734	58,731	60,711	63,500
Other Europe	4,912	7,297	9,132	7,427	9,407	8,669
Former Soviet Union - 12	32,438	47,034	43,951	39,872	47,427	48,350
Middle East	7,746	8,763	7,785	9,213	8,587	8,628
North Africa	5,919	5,898	6,161	6,201	6,201	6,201
Sub-Saharan Africa	60,485	63,479	63,102	57,269	64,363	62,468
East Asia	207,737	220,582	218,095	226,983	221,908	217,359
South Asia	31,216	34,100	34,100	32,861	36,803	36,286
Central America	3,755	3,817	3,416	3,124	3,580	3,600
Southeast Asia	29,066	30,724	30,655	31,255	33,591	33,943
Others	1,378	1,321	1,453	1,356	1,381	1,278
Total	872,634	993,748	1,018,534	968,064	1,065,114	1,033,664
Domestic Consumption						
North America	301,577	337,333	349,162	348,523	368,202	370,409
South America	78,981	83,551	86,651	87,401	91,205	93,505
European Union - 28	69,846	76,796	77,880	73,500	72,500	75,000
Other Europe	5,194	5,897	6,297	6,622	6,900	7,095
Former Soviet Union - 12	18,180	21,255	21,637	20,435	21,985	23,210
Middle East	18,760	20,195	21,749	23,515	26,180	28,180
North Africa	18,450	20,800	22,100	23,140	24,020	25,350
Sub-Saharan Africa	59,905	62,399	63,999	63,419	64,086	64,778
East Asia	229,234	239,185	233,227	249,379	263,870	270,250
South Asia	26,480	29,782	32,773	35,136	36,886	38,585
Southeast Asia	35,309	38,754	40,849	43,634	45,660	47,050
Central America	6,175	6,600	6,710	7,030	7,365	7,630
Others	3,516	3,581	3,984	3,984	4,080	4,130
Total	871,607	946,128	967,018	985,718	1,032,939	1,055,172
Ending Stocks						
North America	23,383	35,495	49,466	51,579	67,134	61,935
South America	13,297	18,852	13,732	11,742	15,294	15,499
European Union - 28	5,146	6,891	9,626	6,676	5,987	5,987
Other Europe	371	529	896	796	1,443	1,147
Former Soviet Union - 12	1,976	3,389	3,039	1,429	2,606	2,396
Middle East	4,167	5,971	7,053	7,495	7,102	6,655
North Africa	1,771	3,117	3,306	3,041	2,912	3,053
Sub-Saharan Africa	6,523	7,473	9,279	6,766	8,358	7,168
East Asia	70,387	84,864	103,922	114,703	105,191	85,030
South Asia	1,750	2,937	3,834	2,453	3,140	2,111
Southeast Asia	3,574	4,318	4,198	4,667	3,638	3,211
Central America	487	597	600	591	711	766
Others	332	396	459	433	384	307
Total	133,164	174,829	209,410	212,371	223,900	195,265

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

World Barley Trade

October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
TY Exports						
Argentina	3,647	2,829	1,599	2,836	2,100	2,100
Australia	4,622	6,261	5,266	5,401	8,700	6,000
Canada	1,316	1,714	1,386	1,146	1,450	1,100
European Union	6,501	4,926	10,642	8,603	5,400	7,000
Kazakhstan	151	501	476	776	1,000	600
Moldova	17	26	81	59	60	75
Russia	2,366	2,791	5,807	3,735	3,400	3,600
Serbia	26	18	37	33	60	50
Ukraine	2,659	3,827	4,332	4,673	5,500	3,600
Uruguay	107	36	43	42	50	70
Others	587	562	131	49	100	40
Subtotal	21,999	23,491	29,800	27,353	27,820	24,235
United States	163	336	291	161	125	130
World Total	22,162	23,827	30,091	27,514	27,945	24,365
TY Imports						
Algeria	364	778	723	864	900	600
Belarus	25	15	1	3	100	100
Brazil	369	337	489	551	650	650
China	2,183	4,891	9,859	5,869	5,900	4,500
Colombia	232	253	249	301	285	280
Egypt	37	46	98	72	100	100
European Union	53	58	269	315	450	350
India	0	1	2	119	150	100
Iran	1,100	1,100	1,900	1,700	1,400	1,300
Israel	244	304	278	321	275	250
Japan	1,356	1,294	1,097	1,154	1,200	1,100
Jordan	831	997	759	902	800	700
Kuwait	388	436	412	511	400	200
Libya	573	681	1,001	1,324	800	700
Morocco	148	471	276	958	600	500
Saudi Arabia	10,200	8,500	8,200	10,400	11,000	10,000
Syria	300	100	20	20	150	150
Tunisia	762	456	483	696	450	500
Turkey	266	596	332	146	150	250
United Arab Emirates	541	468	394	668	400	400
Others	1,237	1,256	1,544	1,178	1,196	1,056
Subtotal	21,209	23,038	28,386	28,072	27,356	23,786
Unaccounted	522	266	1,275	-908	329	229
United States	431	523	430	350	260	350
World Total	22,162	23,827	30,091	27,514	27,945	24,365

TY=Trade Year, see Endnotes.

World Barley Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
Production						
Argentina	5,000	4,750	2,900	4,940	3,300	3,400
Australia	7,472	9,174	8,646	8,593	13,000	8,000
Belarus	1,917	1,674	1,988	1,849	2,100	1,900
Canada	8,012	10,237	7,119	8,226	8,800	7,600
China	1,626	1,700	1,810	1,870	2,000	2,100
Ethiopia	1,782	1,908	1,953	1,950	2,050	2,070
European Union	54,875	59,674	60,609	62,095	60,000	59,500
India	1,619	1,752	1,831	1,613	1,900	1,700
Iran	2,770	2,800	3,200	3,000	3,000	2,900
Iraq	500	944	1,000	1,550	1,550	1,275
Kazakhstan	1,500	2,539	2,412	2,675	3,231	2,500
Morocco	1,201	2,723	1,700	3,400	620	2,000
Russia	13,952	15,389	20,026	17,083	17,547	17,000
Turkey	5,500	7,300	4,000	7,400	4,750	5,000
Ukraine	6,935	7,561	9,450	8,751	9,900	7,400
Others	9,617	9,462	9,179	9,503	8,956	9,165
Subtotal	124,278	139,587	137,823	144,498	142,704	133,510
United States	4,768	4,719	3,953	4,750	4,339	3,462
World Total	129,046	144,306	141,776	149,248	147,043	136,972
Total Consumption						
Algeria	2,000	2,050	2,050	2,150	2,050	2,050
Australia	3,000	2,800	3,000	3,300	3,300	3,100
Belarus	2,000	1,800	2,000	1,850	2,250	2,000
Canada	6,811	7,718	6,471	6,968	7,100	7,250
China	4,000	6,300	11,600	7,900	7,900	6,900
Ethiopia	1,725	1,925	1,975	1,990	2,025	2,075
European Union	51,000	53,400	50,937	51,375	55,400	53,800
India	1,525	1,200	1,400	1,520	1,800	1,900
Iran	4,300	4,500	4,600	5,000	4,800	4,600
Kazakhstan	1,375	2,000	2,000	2,000	2,200	2,000
Morocco	1,900	2,300	2,700	3,350	2,400	2,450
Russia	12,100	12,700	14,100	13,600	14,000	14,000
Saudi Arabia	8,325	8,625	8,525	10,225	11,025	11,325
Turkey	6,200	6,950	5,350	6,900	5,500	5,400
Ukraine	5,100	5,000	4,700	4,700	4,400	4,100
Others	15,703	17,032	16,766	18,668	17,829	16,951
Subtotal	126,612	136,078	137,359	143,516	143,120	140,087
United States	4,638	4,775	4,235	4,406	4,637	4,094
World Total	131,250	140,853	141,594	147,922	147,757	144,181
Ending Stocks						
Algeria	1,217	1,178	1,304	1,290	1,140	890
Australia	536	693	1,120	669	1,669	569
Canada	983	1,950	1,217	1,443	1,818	1,118
European Union	5,044	5,621	5,834	6,060	5,660	4,760
Russia	726	904	1,533	836	1,533	983
Saudi Arabia	3,003	3,389	3,074	4,059	4,044	2,729
Ukraine	872	971	1,265	909	914	619
Others	6,299	7,386	7,007	7,902	5,822	4,137
Subtotal	18,680	22,092	22,354	23,168	22,600	15,805
United States	1,750	1,791	1,711	2,223	2,077	1,663
World Total	20,430	23,883	24,065	25,391	24,677	17,468

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	May 2017/18
TY Imports						
North America	499	640	779	613	385	500
South America	1,064	886	1,169	1,157	1,180	1,155
European Union - 28	53	58	269	315	450	350
Other Europe	126	163	120	84	130	120
Former Soviet Union - 12	378	352	226	169	310	265
Middle East	13,906	12,537	12,400	14,800	14,760	13,325
North Africa	1,884	2,432	2,581	3,914	2,850	2,400
Sub-Saharan Africa	52	116	138	40	120	135
East Asia	3,668	6,320	11,080	7,136	7,225	5,710
South Asia	2	11	22	187	181	151
Oceania	8	46	32	7	25	25
Total	21,640	23,561	28,816	28,422	27,616	24,136
Production						
North America	13,812	15,550	11,918	13,711	13,874	11,797
South America	5,864	5,746	3,794	5,932	4,552	4,656
European Union - 28	54,875	59,674	60,609	62,095	60,000	59,500
Other Europe	1,188	1,228	1,241	1,258	1,333	1,286
Former Soviet Union - 12	25,951	29,145	35,637	32,633	34,678	30,650
Middle East	9,686	12,043	8,653	12,558	9,725	9,585
North Africa	3,631	4,739	3,975	5,275	2,203	3,908
Sub-Saharan Africa	2,252	2,349	2,423	2,482	2,604	2,630
East Asia	1,920	1,991	2,134	2,158	2,297	2,398
South Asia	1,956	2,261	2,340	2,116	2,432	2,222
Oceania	7,911	9,580	9,052	9,030	13,345	8,340
Total	129,046	144,306	141,776	149,248	147,043	136,972
Domestic Consumption						
North America	12,349	13,243	11,556	12,299	12,612	12,244
South America	3,132	3,531	3,403	3,786	3,783	3,787
European Union - 28	51,000	53,400	50,937	51,375	55,400	53,800
Other Europe	1,298	1,334	1,414	1,373	1,374	1,387
Former Soviet Union - 12	22,339	23,460	24,724	24,212	24,930	24,110
Middle East	22,435	24,410	22,187	26,775	25,586	24,986
North Africa	5,790	6,282	7,182	8,203	6,638	6,528
Sub-Saharan Africa	2,254	2,453	2,471	2,595	2,670	2,730
East Asia	5,812	8,009	13,162	9,481	9,555	8,475
South Asia	1,868	1,713	1,923	2,053	2,368	2,488
Oceania	3,425	3,240	3,450	3,750	3,700	3,460
Total	131,702	141,075	142,409	145,902	148,616	143,995
Ending Stocks						
North America	3,014	3,974	3,326	4,052	4,191	3,012
South America	657	822	742	953	891	745
European Union - 28	5,044	5,621	5,834	6,060	5,660	4,760
Other Europe	220	246	165	82	113	82
Former Soviet Union - 12	2,187	2,581	3,454	2,454	3,017	1,937
Middle East	5,733	5,781	5,508	6,759	5,858	3,777
North Africa	1,785	2,489	2,089	2,794	1,459	1,239
Sub-Saharan Africa	329	337	425	348	402	437
East Asia	736	1,038	1,090	903	870	503
South Asia	137	247	259	271	531	386
Oceania	588	747	1,173	715	1,685	590
Total	20,430	23,883	24,065	25,391	24,677	17,468

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

World Sorghum Trade

October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
TY Exports						
Argentina	3,059	953	954	772	850	600
Australia	1,428	408	1,701	717	400	600
Ethiopia	75	75	75	25	15	20
India	231	88	122	74	50	50
Kenya	32	51	73	30	25	20
Nigeria	50	50	100	50	100	100
Ukraine	124	229	156	120	100	150
Others	161	179	135	123	130	90
Subtotal	5,160	2,033	3,316	1,911	1,670	1,630
United States	2,136	5,714	9,269	7,895	5,800	5,200
World Total	7,296	7,747	12,585	9,806	7,470	6,830
TY Imports						
Chile	404	109	98	134	150	150
China	631	4,161	10,162	8,284	4,700	4,200
Colombia	591	104	0	64	50	50
European Union	291	184	131	119	100	150
Japan	1,897	1,003	903	649	600	550
Kenya	102	94	117	105	100	100
Mexico	1,793	162	29	661	700	500
South Africa	44	61	86	120	100	80
South Sudan	6	108	87	19	50	150
Sudan	175	75	120	200	100	200
Others	683	681	363	607	510	350
Subtotal	6,617	6,742	12,096	10,962	7,160	6,480
Unaccounted	436	1,002	462	-1,254	285	350
United States	243	3	27	98	25	0
World Total	7,296	7,747	12,585	9,806	7,470	6,830

TY=Trade Year, see Endnotes.

World Sorghum Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
Production						
Argentina	4,700	4,400	3,500	3,375	3,600	3,500
Australia	2,230	1,282	2,209	2,037	1,200	1,900
Brazil	2,102	1,890	2,055	1,080	1,701	1,600
Burkina	1,924	1,880	1,708	1,436	1,600	1,800
Cameroon	1,200	1,260	1,150	1,150	1,150	1,150
Chad	1,172	800	922	835	933	900
China	2,556	2,892	2,885	2,750	3,800	3,850
Ethiopia	3,604	3,829	4,339	3,900	3,600	3,765
India	5,281	5,542	5,445	4,238	4,800	4,500
Mali	1,212	820	1,272	1,300	1,400	1,300
Mexico	6,174	8,500	6,270	5,587	5,400	6,000
Niger	1,376	1,320	1,426	1,877	1,808	1,700
Nigeria	5,943	6,592	6,700	6,150	6,500	6,550
Sudan	4,524	2,249	6,281	2,388	5,500	4,500
Tanzania	839	832	883	820	800	800
Others	6,749	7,587	7,874	7,347	7,192	7,120
Subtotal	51,586	51,675	54,919	46,270	50,984	50,935
United States	6,293	9,966	10,988	15,158	12,199	8,408
World Total	57,879	61,641	65,907	61,428	63,183	59,343
Total Consumption						
Argentina	2,300	2,700	2,800	2,900	2,950	2,900
Australia	1,080	905	505	1,105	805	1,105
Brazil	2,300	2,000	2,000	1,150	1,600	1,650
Burkina	1,850	1,900	1,700	1,465	1,560	1,760
Cameroon	1,210	1,275	1,175	1,175	1,175	1,150
Chad	1,150	900	930	880	930	950
China	3,200	6,800	12,900	11,000	8,500	8,200
Ethiopia	3,700	3,900	4,100	4,100	3,750	3,800
European Union	795	880	995	810	720	820
India	5,150	5,200	5,100	4,600	4,700	4,600
Mali	1,200	950	1,200	1,300	1,400	1,350
Mexico	8,100	8,300	6,600	6,300	6,100	6,400
Niger	1,200	1,300	1,450	1,820	1,900	1,850
Nigeria	5,900	6,550	6,650	6,050	6,400	6,450
Sudan	4,700	2,550	6,000	3,100	5,500	4,800
Others	10,270	9,034	9,273	8,904	8,503	8,467
Subtotal	52,905	56,220	63,251	56,156	56,743	56,682
United States	4,796	4,130	2,459	6,213	6,222	3,938
World Total	57,701	60,350	65,710	62,369	62,965	60,620
Ending Stocks						
Argentina	781	1,202	971	896	646	646
Australia	189	177	252	280	275	270
China	326	568	706	717	702	542
Ethiopia	439	343	537	352	237	202
Mexico	285	647	338	286	286	386
Nigeria	208	200	150	200	210	210
Sudan	588	357	743	226	321	216
Others	1,534	1,668	2,058	1,395	1,606	1,144
Subtotal	4,350	5,162	5,755	4,352	4,283	3,616
United States	385	864	468	930	1,217	607
World Total	4,735	6,026	6,223	5,282	5,500	4,223

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	May 2017/18
TY Imports						
North America	2,036	165	56	759	725	500
South America	1,071	240	114	212	245	235
European Union - 28	291	184	131	119	100	150
Other Europe	0	0	0	0	0	0
Middle East	195	233	24	34	30	30
North Africa	1	41	1	1	5	0
Sub-Saharan Africa	587	540	609	678	655	695
East Asia	2,650	5,281	11,142	9,011	5,355	4,805
Southeast Asia	18	46	14	15	15	15
Others	11	15	32	231	55	50
Total	6,860	6,745	12,123	11,060	7,185	6,480
Production						
North America	12,467	18,466	17,258	20,745	17,599	14,408
Central America	327	327	326	337	326	335
Caribbean	92	94	92	92	91	91
South America	7,727	7,536	6,709	5,495	6,281	6,117
European Union - 28	473	703	887	678	623	700
Middle East	625	706	821	697	695	695
North Africa	757	767	809	755	755	755
Sub-Saharan Africa	24,953	22,793	28,082	23,211	26,556	25,560
East Asia	2,560	2,895	2,887	2,752	3,802	3,852
South Asia	5,404	5,661	5,548	4,383	4,930	4,630
Southeast Asia	55	57	55	55	50	50
Oceania	2,230	1,282	2,209	2,037	1,200	1,900
Others	209	354	224	191	275	250
Total	57,879	61,641	65,907	61,428	63,183	59,343
Domestic Consumption						
North America	12,896	12,430	9,059	12,513	12,322	10,338
Central America	325	317	321	345	321	335
Caribbean	92	94	92	92	96	91
South America	6,310	6,130	6,106	5,266	5,745	5,784
European Union - 28	795	880	995	810	720	820
Middle East	836	828	976	740	730	730
North Africa	756	813	785	755	755	755
Sub-Saharan Africa	25,159	23,453	27,711	24,414	27,010	26,430
East Asia	5,221	7,951	13,882	11,733	9,160	8,807
South Asia	5,283	5,334	5,235	4,956	4,880	4,780
Southeast Asia	68	64	95	68	66	60
Oceania	1,080	905	505	1,105	805	1,105
Others	80	75	75	75	105	155
Total	58,901	59,274	65,837	62,872	62,715	60,190
Ending Stocks						
North America	670	1,511	806	1,216	1,503	993
Central America	18	21	26	13	13	8
South America	1,145	1,548	1,307	1,099	925	858
European Union - 28	5	18	27	10	8	33
Middle East	61	27	39	35	30	25
North Africa	27	22	47	48	53	53
Sub-Saharan Africa	2,073	1,635	2,298	1,592	1,608	1,263
East Asia	413	627	765	773	755	595
South Asia	109	364	587	151	201	51
Oceania	189	177	252	280	275	270
Others	25	76	69	65	129	74
Total	4,735	6,026	6,223	5,282	5,500	4,223

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

World Oats Trade

October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
TY Exports						
Argentina	2	2	2	4	5	5
Australia	237	267	264	214	300	350
Canada	1,351	1,732	1,729	1,666	1,650	1,800
Chile	41	49	84	13	75	50
European Union	126	291	231	220	200	200
Russia	4	6	14	16	10	10
Ukraine	2	6	46	48	50	50
Others	10	14	8	9	10	10
Subtotal	1,773	2,367	2,378	2,190	2,300	2,475
United States	18	29	29	35	30	30
World Total	1,791	2,396	2,407	2,225	2,330	2,505
TY Imports						
Algeria	7	12	24	31	25	25
Bosnia and Herzegovina	2	3	4	4	5	5
Canada	9	27	12	11	15	10
China	87	116	162	172	250	300
Colombia	1	2	2	1	5	5
Ecuador	19	21	21	38	40	30
European Union	4	3	4	9	5	5
Japan	51	46	47	50	50	50
Mexico	108	93	86	77	100	100
Norway	36	38	4	7	10	5
Serbia	2	2	2	1	5	5
South Africa	11	19	46	31	30	50
Switzerland	44	51	49	42	50	50
Turkey	0	0	4	0	5	5
Uruguay	6	6	7	6	5	5
Others	0	2	4	4	5	0
Subtotal	387	441	478	484	605	650
Unaccounted	49	89	162	203	145	155
United States	1,355	1,866	1,767	1,538	1,580	1,700
World Total	1,791	2,396	2,407	2,225	2,330	2,505

TY=Trade Year, see Endnotes.

World Oats Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
Production						
Algeria	110	110	110	110	110	110
Argentina	496	445	525	553	785	660
Australia	1,121	1,255	1,198	1,308	1,900	1,500
Belarus	422	352	522	492	400	500
Brazil	361	380	351	783	828	696
Canada	2,830	3,906	2,979	3,428	3,000	3,500
Chile	680	610	421	533	600	546
China	250	235	255	180	185	190
European Union	7,909	8,380	7,821	7,524	8,069	8,000
Kazakhstan	200	305	226	244	335	250
Mexico	84	91	93	85	72	90
Norway	232	224	283	286	330	300
Russia	4,027	4,932	5,267	4,527	4,750	4,800
Turkey	210	210	210	210	210	210
Ukraine	630	467	610	498	500	500
Others	315	319	291	320	340	328
Subtotal	19,877	22,221	21,162	21,081	22,414	22,180
United States	892	938	1,019	1,300	940	973
World Total	20,769	23,159	22,181	22,381	23,354	23,153
Total Consumption						
Algeria	119	118	126	137	135	135
Argentina	500	425	525	550	750	690
Australia	925	950	950	1,025	1,350	1,350
Belarus	400	375	500	500	400	500
Brazil	350	375	345	765	775	725
Canada	1,592	1,660	1,681	1,616	1,650	1,750
Chile	600	570	355	485	525	525
China	350	350	400	370	430	480
European Union	7,700	8,075	7,730	7,400	8,000	7,900
Kazakhstan	225	275	225	245	300	275
Mexico	195	185	175	190	170	190
Norway	295	245	295	295	320	325
Russia	4,300	4,900	5,200	4,600	4,650	4,900
Turkey	215	215	215	210	215	215
Ukraine	600	475	600	450	450	450
Others	451	492	466	482	529	530
Subtotal	18,892	19,905	19,785	19,481	20,751	21,070
United States	2,743	2,757	2,447	2,702	2,696	2,740
World Total	21,635	22,662	22,232	22,183	23,447	23,810
Ending Stocks						
Argentina	49	67	65	65	95	60
Australia	60	105	93	151	401	201
Brazil	18	17	14	30	78	44
Canada	446	1,054	673	929	594	554
European Union	901	894	770	690	614	519
Russia	203	230	289	199	289	179
Ukraine	81	67	38	43	43	43
Others	204	193	213	202	265	194
Subtotal	1,962	2,627	2,155	2,309	2,379	1,794
United States	527	359	780	824	661	589
World Total	2,489	2,986	2,935	3,133	3,040	2,383

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	May 2017/18
TY Imports						
North America	1,472	1,986	1,865	1,626	1,695	1,810
South America	26	29	30	45	50	40
European Union - 28	4	3	4	9	5	5
Other Europe	84	94	62	54	75	65
Former Soviet Union - 12	0	2	1	4	0	0
Middle East	0	0	4	0	5	5
North Africa	7	12	24	31	25	25
Sub-Saharan Africa	11	19	46	31	30	50
East Asia	138	162	209	222	300	350
Oceania	0	0	0	0	0	0
Total	1,742	2,307	2,245	2,022	2,185	2,350
Production						
North America	3,806	4,935	4,091	4,813	4,012	4,563
South America	1,577	1,478	1,325	1,910	2,255	1,945
European Union - 28	7,909	8,380	7,821	7,524	8,069	8,000
Other Europe	365	359	411	418	464	423
Former Soviet Union - 12	5,285	6,062	6,631	5,767	5,991	6,056
Middle East	210	210	210	210	210	210
North Africa	166	156	147	166	175	175
Sub-Saharan Africa	60	59	55	55	55	55
East Asia	252	237	257	181	186	191
Oceania	1,139	1,283	1,233	1,337	1,937	1,535
Total	20,769	23,159	22,181	22,381	23,354	23,153
Domestic Consumption						
North America	4,530	4,602	4,303	4,508	4,516	4,680
South America	1,515	1,447	1,285	1,865	2,142	2,023
European Union - 28	7,700	8,075	7,730	7,400	8,000	7,900
Other Europe	474	435	479	483	516	511
Former Soviet Union - 12	5,531	6,031	6,531	5,801	5,806	6,131
Middle East	215	215	215	210	215	215
North Africa	175	164	163	193	200	200
Sub-Saharan Africa	72	95	94	88	85	105
East Asia	405	400	450	420	480	530
Oceania	943	978	985	1,054	1,385	1,385
Total	21,560	22,442	22,235	22,022	23,345	23,680
Ending Stocks						
North America	974	1,417	1,459	1,757	1,261	1,149
South America	128	129	106	157	235	137
European Union - 28	901	894	770	690	614	519
Other Europe	28	52	46	35	58	35
Former Soviet Union - 12	332	346	397	298	418	278
Middle East	13	8	6	6	6	6
North Africa	1	1	1	1	1	1
Sub-Saharan Africa	28	11	18	16	16	16
East Asia	24	23	39	22	28	39
Oceania	60	105	93	151	403	203
Total	2,489	2,986	2,935	3,133	3,040	2,383

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

World Rye Trade

October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
TY Exports						
Belarus	0	0	0	24	20	20
Canada	178	97	89	111	150	150
European Union	122	201	167	160	125	100
Russia	79	83	121	23	25	50
Ukraine	16	59	13	21	10	10
Others	1	1	1	0	0	0
Subtotal	396	441	391	339	330	330
United States	7	6	3	6	5	5
World Total	403	447	394	345	335	335
TY Imports						
European Union	68	96	96	50	50	50
Israel	34	33	18	15	25	25
Japan	27	37	22	16	20	20
Korea, South	12	8	4	5	5	5
Norway	18	21	6	2	10	10
Russia	25	5	5	5	5	5
Switzerland	9	6	6	3	5	5
Others	4	1	6	16	0	0
Subtotal	197	207	163	112	120	120
Unaccounted	-15	36	-31	16	15	15
United States	221	204	262	217	200	200
World Total	403	447	394	345	335	335

TY=Trade Year, see Endnotes.

World Rye Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18 May
Production						
Argentina	40	52	97	61	79	82
Belarus	1,082	648	867	753	800	800
Canada	337	223	218	226	410	320
European Union	8,763	10,151	8,864	7,841	7,505	7,900
Russia	2,132	3,360	3,279	2,084	2,538	2,800
Turkey	370	365	300	350	350	350
Ukraine	676	638	475	394	390	450
Others	146	130	175	178	145	163
Subtotal	13,546	15,567	14,275	11,887	12,217	12,865
United States	166	194	183	295	342	282
World Total	13,712	15,761	14,458	12,182	12,559	13,147
Total Consumption						
Argentina	40	52	97	61	79	82
Australia	40	19	19	22	25	26
Belarus	1,000	700	850	800	800	800
Canada	127	107	134	118	160	160
European Union	8,700	9,650	8,600	8,025	7,700	7,800
Kazakhstan	50	40	65	37	40	40
Norway	24	35	46	67	30	52
Russia	2,000	3,100	3,250	2,175	2,450	2,800
Turkey	375	350	325	350	350	350
Ukraine	625	625	475	420	380	460
Others	132	142	107	93	115	111
Subtotal	13,121	14,815	13,973	12,187	12,152	12,693
United States	387	424	406	515	528	482
World Total	13,508	15,239	14,379	12,702	12,680	13,175
Ending Stocks						
Belarus	201	149	166	99	79	59
Canada	46	44	42	52	152	162
European Union	795	1,204	1,386	1,092	797	847
Kazakhstan	3	8	4	4	5	5
Russia	153	344	264	130	213	168
Turkey	18	33	14	14	14	14
Ukraine	166	128	106	75	75	55
Others	7	4	3	2	1	0
Subtotal	1,389	1,914	1,985	1,468	1,336	1,310
United States	10	7	15	12	23	21
World Total	1,399	1,921	2,000	1,480	1,359	1,331

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17	May 2017/18
TY Imports						
North America	221	204	262	217	200	200
South America	0	0	0	0	0	0
European Union - 28	68	96	96	50	50	50
Other Europe	29	28	12	5	15	15
Former Soviet Union - 12	27	5	5	21	5	5
Middle East	34	33	24	15	25	25
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	39	45	26	21	25	25
Oceania	0	0	0	0	0	0
Total	418	411	425	329	320	320
Production						
North America	503	417	401	521	752	602
South America	47	59	105	69	91	92
European Union - 28	8,763	10,151	8,864	7,841	7,505	7,900
Other Europe	46	57	83	108	64	84
Former Soviet Union - 12	3,940	4,689	4,682	3,268	3,769	4,090
Middle East	370	365	300	350	350	350
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	40	20	20	22	25	26
Total	13,712	15,761	14,458	12,182	12,559	13,147
Domestic Consumption						
North America	514	531	540	633	688	642
South America	47	59	105	69	91	92
European Union - 28	8,700	9,650	8,600	8,025	7,700	7,800
Other Europe	76	86	97	112	79	99
Former Soviet Union - 12	3,675	4,465	4,640	3,432	3,670	4,100
Middle East	409	383	343	365	375	375
Sub-Saharan Africa	2	3	3	3	3	3
East Asia	37	48	27	22	26	26
Oceania	40	19	19	22	25	26
Total	13,500	15,244	14,374	12,683	12,657	13,163
Ending Stocks						
North America	56	51	57	64	175	183
South America	0	0	0	0	0	0
European Union - 28	795	1,204	1,386	1,092	797	847
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	523	629	540	308	372	287
Middle East	18	33	14	14	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	7	4	3	2	1	0
Oceania	0	0	0	0	0	0
Total	1,399	1,921	2,000	1,480	1,359	1,331

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

HISTORICAL DATA SERIES FOR SELECTED REGIONS AND COUNTRIES

CONTENTS

European Union: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Productio n	Imports	Exports	Feed Dom.	Domestic Consumpti	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	27.2	5.3	145.5	5.5	27.0	56.5	128.5	11.0
2017/18	26.5	5.7	151.0	6.5	31.0	55.5	127.3	10.3
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	14.2	13.1	117.1	157.3	15.4
2016/17	29.5	5.2	152.0	13.6	7.7	119.3	159.8	13.5
2017/18	30.0	5.2	155.0	14.6	9.8	120.0	160.8	12.5
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	56.6	5.3	297.4	19.1	34.7	175.8	288.3	24.5
2017/18	56.5	5.4	306.0	21.1	40.8	175.5	288.1	22.8

China: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Productio n	Imports	Exports	Feed Dom.	Domestic Consumpti	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	4.2	0.8	16.5	118.5	110.8
2017/18	24.2	5.4	131.0	3.0	0.8	13.0	116.0	128.0
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	13.9	0.0	172.1	250.7	102.6
2017/18	37.3	6.0	223.0	12.0	0.0	175.0	255.5	82.1
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	18.1	0.8	188.6	369.2	213.4
2017/18	61.5	5.8	354.0	15.0	0.8	188.0	371.5	210.1

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	1.8	1.4	1.3	5.0	1.8
2017/18	0.9	4.6	4.2	1.8	1.2	1.2	5.0	1.7
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	0.7	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	0.9	2.6	7.6	8.9	1.6
2017/18	1.9	5.6	10.5	0.8	2.6	7.8	9.2	1.3
Wheat and Coarse Grains								
2006/07	3.0	4.5	13.3	2.3	1.2	9.2	14.2	2.5
2007/08	3.0	3.5	10.6	2.7	0.6	7.8	12.6	2.6
2008/09	3.0	4.6	13.7	2.3	1.9	8.8	13.8	2.8
2009/10	3.0	4.5	13.5	2.4	1.9	8.5	13.7	3.2
2010/11	2.9	4.6	13.2	2.4	2.6	8.1	13.4	2.7
2011/12	2.9	4.5	13.1	2.7	2.8	8.1	13.3	2.5
2012/13	2.9	3.4	10.0	2.4	1.3	7.0	11.8	1.7
2013/14	2.9	4.5	13.2	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	3.9	8.8	13.9	3.4
2017/18	2.8	5.3	14.8	2.6	3.7	9.0	14.1	2.9

Former Soviet Union: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Productio n	Imports	Exports	Feed Dom.	Domestic Consumpti	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	7.2	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	20.6
2015/16	48.9	2.4	118.0	7.4	51.5	26.7	77.8	16.7
2016/17	50.5	2.6	130.2	7.5	53.4	28.5	79.7	21.4
2017/18	50.2	2.4	121.0	8.0	51.4	28.1	79.5	19.6
Coarse Grains								
2011/12	27.0	2.9	78.6	1.0	24.6	38.5	54.4	6.1
2012/13	27.5	2.5	68.3	0.7	19.8	35.6	50.3	5.0
2013/14	29.4	3.0	87.9	0.8	30.8	40.2	55.9	7.0
2014/15	30.3	3.0	91.8	0.8	33.9	42.2	58.3	7.5
2015/16	28.0	2.9	82.6	0.5	31.3	39.6	54.8	4.5
2016/17	28.1	3.3	93.0	0.7	34.3	42.0	57.4	6.5
2017/18	28.1	3.2	90.2	0.6	33.9	43.0	58.5	5.0

Former Soviet Union: Grain Supply and Demand (Wheat)

Millions of Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Productio n	MY Imports	MY Exports	Feed and Residual	Total Consumpti	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.2
2015/16	11.6	1.2	13.7	0.1	7.6	2.1	6.9	2.6
2016/17	12.4	1.2	15.0	0.1	7.0	2.1	6.9	3.7
2017/18	11.5	1.1	13.0	0.1	7.0	2.1	6.9	2.9
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	28.0	17.0	40.0	10.6
2017/18	27.5	2.4	67.0	0.5	29.0	16.5	39.5	9.6
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	17.3	4.0	10.8	2.1
2017/18	6.6	3.8	25.0	0.0	14.5	3.9	10.6	2.0
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	3.3	2.6	8.7	4.2	0.9	3.0	12.3	2.4
2017/18	3.2	2.7	8.8	4.6	0.7	3.1	12.6	2.7
Total Former Soviet Union - 12								
2014/15	46.6	2.4	112.4	7.7	40.2	24.5	75.0	20.6
2015/16	48.9	2.4	118.0	7.4	51.5	26.7	77.8	16.7
2016/17	50.5	2.6	130.2	7.5	53.4	28.5	79.7	21.4
2017/18	50.2	2.4	121.0	8.0	51.4	28.1	79.5	19.6

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 Consumpti	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2014/15	1.9	1.3	2.4	0.0	0.5	1.7	2.0	0.2
2015/16	2.0	1.3	2.7	0.0	0.8	1.7	2.0	0.1
2016/17	1.9	1.7	3.2	0.0	1.0	1.9	2.2	0.2
2017/18	1.8	1.4	2.5	0.0	0.6	1.7	2.0	0.1
Russia								
2014/15	8.8	2.3	20.0	0.0	5.3	9.2	14.1	1.5
2015/16	8.0	2.1	17.1	0.1	4.2	8.9	13.6	0.8
2016/17	8.0	2.2	17.5	0.1	2.9	9.2	14.0	1.5
2017/18	8.0	2.1	17.0	0.1	3.6	9.3	14.0	1.0
Ukraine								
2014/15	3.2	3.0	9.5	0.0	4.5	3.2	4.7	1.3
2015/16	3.0	2.9	8.8	0.0	4.4	3.2	4.7	0.9
2016/17	3.1	3.2	9.9	0.0	5.5	3.0	4.4	0.9
2017/18	2.6	2.8	7.4	0.0	3.6	2.7	4.1	0.6
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	0.3	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	2.8	3.6	0.6
2016/17	1.4	2.7	3.8	0.2	0.1	3.2	4.0	0.4
2017/18	1.3	2.7	3.5	0.2	0.1	2.9	3.7	0.3
Total Former Soviet Union - 12								
2014/15	15.3	2.3	35.6	0.3	10.3	17.1	24.7	3.5
2015/16	14.5	2.3	32.6	0.1	9.6	16.8	24.2	2.5
2016/17	14.4	2.4	34.7	0.3	9.5	17.5	24.9	3.0
2017/18	13.8	2.2	30.7	0.3	7.9	16.8	24.1	1.9

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 Consumpti	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	0.1	0.6	0.7	0.2
2017/18	0.1	5.7	0.8	0.0	0.1	0.8	0.9	0.1
Russia								
2014/15	2.6	4.4	11.3	0.0	3.2	7.2	8.1	0.3
2015/16	2.7	4.9	13.2	0.0	4.7	7.8	8.7	0.2
2016/17	2.8	5.5	15.3	0.1	5.3	8.7	9.6	0.6
2017/18	2.9	5.5	16.0	0.1	5.5	9.5	10.4	0.8
Ukraine								
2014/15	4.6	6.2	28.5	0.0	19.7	8.0	9.4	1.8
2015/16	4.1	5.7	23.3	0.0	16.6	6.6	8.0	0.6
2016/17	4.3	6.6	28.0	0.1	19.0	7.0	8.4	1.2
2017/18	4.3	6.5	28.0	0.0	20.0	7.0	8.4	0.9
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	0.1	2.6	2.9	0.5
2016/17	0.9	3.7	3.2	0.3	0.3	2.8	3.1	0.6
2017/18	0.9	3.8	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	18.9	21.6	3.0
2015/16	7.8	5.1	39.9	0.4	21.4	17.7	20.4	1.4
2016/17	8.1	5.9	47.4	0.4	24.7	19.2	22.0	2.6
2017/18	8.3	5.8	48.4	0.4	25.7	20.4	23.2	2.4

Wheat Supply and Disappearance: Selected Exporters

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Productio n	MY Imports	MY Exports	Feed and Residual	Total Consumpti	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	5.9	0.6
2016/17	4.9	3.3	16.0	0.0	10.2	0.1	5.9	0.5
2017/18	5.4	3.1	17.0	0.0	11.0	0.1	6.0	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	12.8	1.9	24.2	0.2	16.1	3.8	7.2	5.6
2016/17	12.9	2.7	35.0	0.2	24.0	4.5	8.0	8.8
2017/18	12.8	2.0	25.0	0.2	19.0	4.5	8.0	7.0
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	3.7	9.1	7.1
2015/16	9.6	2.9	27.6	0.5	22.1	2.7	7.9	5.2
2016/17	8.9	3.6	31.7	0.5	20.0	5.0	10.2	7.2
2017/18	9.0	3.2	28.4	0.5	22.0	3.5	8.8	5.2
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	27.2	5.3	145.5	5.5	27.0	56.5	128.5	11.0
2017/18	26.5	5.7	151.0	6.5	31.0	55.5	127.3	10.3
Kazakhstan								
2013/14	13.0	1.1	13.9	0.0	8.1	2.0	6.8	2.0
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.2
2015/16	11.6	1.2	13.7	0.1	7.6	2.1	6.9	2.6
2016/17	12.4	1.2	15.0	0.1	7.0	2.1	6.9	3.7
2017/18	11.5	1.1	13.0	0.1	7.0	2.1	6.9	2.9
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	28.0	17.0	40.0	10.6
2017/18	27.5	2.4	67.0	0.5	29.0	16.5	39.5	9.6

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 Consumpti	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	17.3	4.0	10.8	2.1
2017/18	6.6	3.8	25.0	0.0	14.5	3.9	10.6	2.0
Total Wheat Competitors								
2013/14	95.4	3.2	306.2	5.5	112.6	74.8	192.1	38.2
2014/15	95.4	3.4	320.8	7.6	121.1	81.8	201.1	44.5
2015/16	97.4	3.3	325.6	8.5	133.1	86.9	206.9	38.5
2016/17	99.7	3.4	342.5	6.8	133.5	89.2	210.3	44.0
2017/18	99.3	3.3	326.4	7.7	133.5	86.1	207.1	37.5

Corn Supply and Disappearance: Selected Exporters

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Productio n	MY Imports	MY Exports	Feed and Residual	Total Consumpti	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	3.5	8.3	29.0	0.0	21.7	5.9	9.2	1.1
2016/17	4.8	8.3	40.0	0.0	27.5	7.0	10.7	2.9
2017/18	4.9	8.2	40.0	0.0	28.5	7.5	11.3	3.1
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	17.5	5.5	96.0	0.5	34.0	51.0	60.0	9.3
2017/18	17.7	5.4	95.0	0.3	34.0	52.0	61.0	9.6
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	3.0	0.0	162.0	232.0	101.3
2017/18	35.0	6.1	215.0	3.0	0.0	166.0	238.0	81.3
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 Consumpti	Ending Stocks
2015/16	2.2	3.7	8.2	2.4	0.8	5.7	11.2	1.1
2016/17	3.1	4.9	15.3	0.1	2.0	5.8	11.7	2.8
2017/18	2.9	4.3	12.5	0.1	1.7	5.8	11.7	2.0
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	59.8	5.5	328.8	9.0	36.5	214.1	295.4	119.7
2016/17	62.2	6.0	370.9	3.6	63.5	225.8	314.4	116.2
2017/18	60.5	6.0	362.5	3.4	64.2	231.3	322.0	95.9

Barley Supply and Disappearance: Selected Exporters

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Productio n	MY Imports	MY Exports	Feed and Residual	Total Consumpti	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	2.1	8.6	0.0	5.7	2.0	3.3	0.7
2016/17	4.0	3.3	13.0	0.0	8.7	2.0	3.3	1.7
2017/18	3.5	2.3	8.0	0.0	6.0	1.8	3.1	0.6
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	1.4	5.9	7.1	1.8
2017/18	2.0	3.8	7.6	0.1	1.1	6.1	7.3	1.1
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	12.4	4.8	60.0	0.4	5.4	40.5	55.4	5.7
2017/18	12.4	4.8	59.5	0.4	7.0	38.9	53.8	4.8

Sorghum Supply and Disappearance: Selected Exporters

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Productio n	MY Imports	MY Exports	Feed and Residual	Total Consumpti	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	0.6	2.5	2.9	0.9
2016/17	0.8	4.5	3.6	0.0	0.9	2.6	3.0	0.6
2017/18	0.8	4.6	3.5	0.0	0.6	2.5	2.9	0.6
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	0.7	3.0	2.0	0.0	0.9	1.1	1.1	0.3
2016/17	0.4	2.7	1.2	0.0	0.4	0.8	0.8	0.3
2017/18	0.6	3.0	1.9	0.0	0.8	1.1	1.1	0.3

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	3,073	3,056	21,094	21,856	4,141	32,021	26,552
2016/17	17,762	4	nr	62,859	3,130	3,100	28,168	28,300	5,171	32,823	31,550
2017/18	15,591	3	nr	49,539	3,402	3,300	27,216	27,000	4,627	32,413	24,862
Corn											
2015/16	32,680	11	nr	345,506	1,714	1,779	48,202	51,198	130,127	298,869	44,123
2016/17	35,106	11	nr	384,778	1,397	1,400	56,518	56,000	139,706	315,482	58,298
2017/18	33,346	11	nr	357,267	1,270	1,300	47,627	47,500	137,801	315,609	53,599
Sorghum											
2015/16	3,177	5	nr	15,158	117	98	8,600	7,895	2,733	6,213	930
2016/17	2,494	5	nr	12,199	25	25	5,715	5,800	3,302	6,222	1,217
2017/18	1,995	4	nr	8,408	0	0	5,080	5,200	1,397	3,938	607
Barley											
2015/16	1,278	4	nr	4,750	403	350	235	161	1,085	4,406	2,223
2016/17	1,035	4	nr	4,339	261	260	109	125	1,306	4,637	2,077
2017/18	886	4	nr	3,462	327	350	109	130	762	4,094	1,663
Oats											
2015/16	516	3	nr	1,300	1,475	1,538	29	35	1,586	2,702	824
2016/17	397	2	nr	940	1,637	1,580	44	30	1,565	2,696	661
2017/18	405	2	nr	973	1,724	1,700	29	30	1,579	2,740	589
Rye											
2015/16	148	2	nr	295	222	217	5	6	270	515	12
2016/17	168	2	nr	342	203	200	6	5	281	528	23
2017/18	158	2	nr	282	204	200	6	5	235	482	21
Rice, Milled											
2015/16	1,046	8	8,761	6,133	766	768	3,421	3,541	nr	3,555	1,475
2016/17	1,253	8	10,167	7,117	746	750	3,620	3,550	nr	4,190	1,528
2017/18	1,054	9	9,117	6,382	762	750	3,493	3,500	nr	3,969	1,210

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	Productio n	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat and Coarse Grains							
1988/89	541.9	2.2	1,218.2	203.3	619.5	1,301.9	339.1
1989/90	548.2	2.4	1,327.4	208.9	644.5	1,346.2	320.3
1990/91	545.7	2.6	1,417.6	190.1	669.8	1,369.6	368.3
1991/92	543.3	2.5	1,355.6	207.5	653.5	1,366.0	357.9
1992/93	545.9	2.6	1,431.8	205.2	664.2	1,388.3	398.6
1993/94	536.0	2.5	1,356.5	188.2	657.2	1,389.1	366.0
1994/95	534.2	2.6	1,393.1	200.1	670.6	1,395.8	363.2
1995/96	527.3	2.5	1,338.9	187.5	641.8	1,381.8	320.3
1996/97	545.8	2.7	1,490.2	198.3	674.7	1,441.8	368.7
1997/98	535.2	2.8	1,490.8	190.4	685.8	1,443.4	416.1
1998/99	520.2	2.8	1,481.3	198.7	685.4	1,448.4	449.0
1999/00	506.1	2.9	1,465.6	214.0	690.4	1,469.9	444.1
2000/01	509.2	2.8	1,446.3	204.8	700.4	1,472.2	418.3
2001/02	511.6	2.9	1,480.0	208.3	713.6	1,495.6	402.7
2002/03	504.2	2.9	1,444.9	209.2	711.6	1,506.2	341.4
2003/04	511.2	2.9	1,473.5	205.8	718.1	1,535.9	279.0
2004/05	514.8	3.2	1,642.6	214.4	756.2	1,586.0	335.6
2005/06	517.5	3.1	1,599.8	222.5	757.8	1,617.3	318.1
2006/07	519.3	3.1	1,584.5	229.9	749.4	1,630.0	272.6
2007/08	534.6	3.2	1,691.5	244.7	763.6	1,675.2	289.0
2008/09	539.6	3.3	1,792.5	253.5	774.1	1,721.7	359.8
2009/10	533.7	3.4	1,805.2	254.1	783.7	1,768.7	396.4
2010/11	523.6	3.3	1,749.1	249.8	775.3	1,785.7	359.8
2011/12	538.5	3.4	1,855.5	287.0	809.7	1,854.6	360.6
2012/13	533.0	3.4	1,798.1	279.6	809.1	1,817.3	341.4
2013/14	541.5	3.7	1,998.4	327.7	863.8	1,934.1	405.8
2014/15	547.3	3.7	2,038.7	335.8	886.4	1,980.5	464.0
2015/16	547.2	3.6	1,995.3	356.9	906.0	1,968.0	491.2
2016/17	545.8	3.9	2,111.2	362.9	949.4	2,087.6	514.8
2017/18	542.2	3.8	2,049.7	364.9	951.4	2,084.8	479.7

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	Productio n	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat							
1995/96	216.7	2.5	537.5	99.2	96.9	545.6	156.6
1996/97	227.1	2.6	581.3	104.0	101.4	572.6	165.3
1997/98	226.4	2.7	610.2	104.5	106.2	576.5	199.0
1998/99	219.2	2.7	590.5	102.0	109.4	579.0	210.5
1999/00	212.7	2.8	587.5	111.9	104.6	587.6	210.3
2000/01	215.4	2.7	582.8	102.0	111.2	587.0	206.1
2001/02	214.3	2.7	583.9	107.9	112.0	586.7	203.3
2002/03	213.4	2.7	569.7	106.5	116.1	603.9	169.2
2003/04	208.0	2.7	555.7	103.5	101.7	588.9	135.9
2004/05	215.8	2.9	626.8	113.2	110.7	606.2	156.5
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	104.6	617.2	128.2
2008/09	224.1	3.1	684.0	143.2	124.0	642.9	169.2
2009/10	225.6	3.0	687.2	135.3	122.3	652.8	203.7
2010/11	216.8	3.0	649.5	134.0	116.8	654.1	199.0
2011/12	221.0	3.2	697.3	153.7	148.7	697.4	198.9
2012/13	215.9	3.1	658.6	147.2	138.2	679.9	177.6
2013/14	219.7	3.3	715.1	162.5	126.7	698.0	194.7
2014/15	221.5	3.3	728.0	161.9	131.5	705.2	217.5
2015/16	225.1	3.3	737.0	172.1	136.5	712.1	242.4
2016/17	222.1	3.4	753.1	178.8	147.5	740.2	255.4
2017/18	222.2	3.3	737.8	181.1	138.5	734.9	258.3
Coarse Grains							
1995/96	310.5	2.6	801.4	88.3	544.9	836.2	163.7
1996/97	318.7	2.9	908.9	94.3	573.3	869.1	203.5
1997/98	308.8	2.9	880.6	85.8	579.6	866.9	217.2
1998/99	301.0	3.0	890.8	96.7	575.9	869.4	238.5
1999/00	293.4	3.0	878.1	102.1	585.7	882.3	233.8
2000/01	293.8	2.9	863.5	102.8	589.2	885.2	212.2
2001/02	297.3	3.0	896.1	100.4	601.5	908.9	199.3
2002/03	290.8	3.0	875.2	102.7	595.4	902.3	172.2
2003/04	303.3	3.0	917.8	102.3	616.5	947.0	143.1
2004/05	299.0	3.4	1,015.8	101.2	645.5	979.7	179.2
2005/06	300.0	3.3	981.0	108.4	640.1	995.4	164.8
2006/07	306.9	3.2	987.9	114.5	636.3	1,013.6	139.1
2007/08	317.7	3.4	1,079.6	128.7	659.0	1,058.0	160.7
2008/09	315.6	3.5	1,108.6	110.4	650.1	1,078.8	190.5
2009/10	308.1	3.6	1,118.0	118.8	661.4	1,115.8	192.7
2010/11	306.8	3.6	1,099.6	115.8	658.5	1,131.5	160.8
2011/12	317.5	3.6	1,158.2	133.3	661.0	1,157.2	161.7
2012/13	317.1	3.6	1,139.5	132.4	670.9	1,137.4	163.8
2013/14	321.8	4.0	1,283.4	165.2	737.1	1,236.1	211.1
2014/15	325.8	4.0	1,310.8	173.9	754.9	1,275.4	246.5
2015/16	322.1	3.9	1,258.3	184.8	769.5	1,255.9	248.8
2016/17	323.7	4.2	1,358.1	184.1	801.9	1,347.4	259.5
2017/18	320.0	4.1	1,311.8	183.8	812.9	1,349.9	221.4

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	Productio n	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Corn							
1995/96	135.1	3.8	516.7	64.8	365.3	536.8	133.3
1996/97	141.5	4.2	592.9	66.6	387.8	559.9	166.3
1997/98	136.3	4.2	574.1	63.1	400.6	573.3	167.2
1998/99	139.0	4.4	605.8	68.7	404.3	581.6	191.4
1999/00	138.8	4.4	608.1	72.0	422.4	605.1	194.4
2000/01	137.1	4.3	591.7	75.9	427.3	610.8	175.2
2001/02	137.1	4.4	601.8	72.7	436.4	625.6	151.5
2002/03	137.7	4.4	604.1	76.8	433.5	628.7	126.9
2003/04	141.6	4.4	628.0	79.0	446.0	650.2	104.7
2004/05	145.3	4.9	716.8	76.0	476.0	690.5	131.0
2005/06	145.5	4.8	701.0	82.5	479.5	708.5	123.5
2006/07	150.5	4.8	716.1	91.3	480.0	730.8	108.7
2007/08	160.2	5.0	795.2	98.2	500.8	776.4	127.5
2008/09	158.8	5.0	800.2	83.6	482.0	784.1	143.6
2009/10	158.6	5.2	826.4	92.7	494.2	829.0	141.0
2010/11	164.9	5.1	837.3	91.7	505.5	855.0	123.3
2011/12	172.3	5.2	891.6	103.7	510.6	886.9	128.0
2012/13	178.1	4.9	872.6	100.7	520.7	867.4	133.2
2013/14	180.7	5.5	993.7	130.8	574.1	952.1	174.8
2014/15	179.8	5.7	1,018.5	128.4	587.5	984.0	209.4
2015/16	178.0	5.4	968.1	144.9	603.0	965.1	212.4
2016/17	183.1	5.8	1,065.1	146.1	633.9	1,053.6	223.9
2017/18	180.6	5.7	1,033.7	149.7	650.9	1,062.3	195.3
Barley							
1995/96	66.4	2.1	141.2	13.4	107.8	150.7	20.5
1996/97	64.3	2.4	153.2	17.9	106.3	149.5	24.1
1997/98	63.8	2.4	153.9	12.8	104.1	145.8	32.2
1998/99	56.7	2.4	136.0	17.8	99.5	139.3	29.0
1999/00	52.1	2.4	127.4	17.8	94.0	132.5	23.9
2000/01	53.1	2.5	133.0	16.3	94.6	134.3	22.6
2001/02	55.7	2.6	143.5	17.2	95.5	136.9	29.2
2002/03	54.7	2.5	134.3	16.3	94.7	135.9	27.6
2003/04	58.4	2.4	142.9	14.8	103.3	147.0	23.5
2004/05	57.4	2.7	152.4	17.0	100.2	142.7	33.1
2005/06	55.2	2.5	136.2	17.4	97.4	141.1	28.3
2006/07	56.3	2.4	136.7	14.6	98.4	143.6	21.4
2007/08	55.7	2.4	132.7	18.5	91.0	133.6	20.5
2008/09	55.0	2.8	154.9	18.2	100.4	143.8	31.6
2009/10	54.1	2.8	150.9	17.3	101.5	145.2	37.2
2010/11	47.1	2.6	123.0	15.2	91.3	136.1	24.1
2011/12	49.2	2.7	133.5	21.4	91.7	134.9	22.6
2012/13	50.2	2.6	129.0	22.2	88.8	131.3	20.4
2013/14	50.6	2.9	144.3	23.8	97.3	140.9	23.9
2014/15	49.6	2.9	141.8	30.1	97.6	141.6	24.1
2015/16	50.3	3.0	149.2	27.5	101.1	147.9	25.4
2016/17	48.2	3.1	147.0	27.9	103.8	147.8	24.7
2017/18	47.2	2.9	137.0	24.4	99.4	144.2	17.5

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	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	510.3	345.3	11.7	336.3	120.6
1990/91	147.0	3.5	519.4	351.4	12.3	345.3	126.6
1991/92	147.6	3.5	522.9	353.3	14.4	353.2	126.7
1992/93	146.4	3.6	524.0	353.9	14.9	357.4	123.1
1993/94	145.3	3.6	526.1	354.7	16.6	358.9	118.9
1994/95	147.3	3.7	539.9	364.1	20.8	365.5	117.6
1995/96	148.4	3.7	547.3	368.8	19.7	368.3	118.1
1996/97	150.2	3.8	563.8	380.4	18.9	378.2	120.3
1997/98	151.7	3.8	575.3	387.4	27.6	380.0	127.7
1998/99	153.3	3.8	587.0	394.9	24.8	388.6	134.0
1999/00	155.9	3.9	608.8	409.3	22.8	400.2	143.1
2000/01	152.8	3.9	594.1	399.2	24.3	395.6	146.7
2001/02	151.6	3.9	594.3	399.5	27.9	413.2	132.9
2002/03	147.7	3.8	563.0	378.2	27.6	408.1	103.0
2003/04	149.5	3.9	585.4	392.5	27.3	413.8	81.7
2004/05	151.4	3.9	596.4	400.8	28.9	408.5	74.0
2005/06	154.2	4.0	622.3	417.9	29.0	415.4	76.5
2006/07	154.3	4.1	625.0	420.1	31.8	421.2	75.4
2007/08	155.0	4.2	643.6	433.6	29.5	428.1	80.9
2008/09	158.5	4.2	669.6	449.9	29.4	437.7	93.2
2009/10	155.8	4.2	655.3	440.1	31.8	438.1	95.2
2010/11	158.2	4.2	671.5	450.0	36.5	445.2	100.0
2011/12	160.1	4.4	696.8	467.4	40.0	460.8	106.6
2012/13	158.7	4.4	704.6	472.5	39.5	465.2	113.9
2013/14	161.4	4.4	713.3	478.3	44.1	478.2	114.0
2014/15	160.6	4.4	713.3	478.4	42.6	477.4	115.0
2015/16	158.9	4.4	703.4	471.8	40.6	471.2	115.7
2016/17	161.5	4.4	718.1	481.5	41.3	478.7	118.6
2017/18	161.8	4.4	717.8	481.3	42.2	480.1	119.8

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 April 2017. For further details on world grain production, please see World Agricultural Production May 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

Questions may be directed to the following staff:

Andrew Sowell	(202) 720-0262	Andrew.Sowell@fas.usda.gov	Wheat
Shelbi Knisley	(202) 690-2361	Shelbi.Knisley@fas.usda.gov	Wheat
Rachel Trego	(202) 720-1073	Rachel.Trego@fas.usda.gov	Rice
Rhiannon Elms	(202) 649-3872	Rhiannon.Elms@fas.usda.gov	Rice
Yoonhee Macke	(202) 690-4199	Yoonhee.Macke@fas.usda.gov	Coarse Grains
Graham Soley	(202) 772-4235	Graham.Soley@fas.usda.gov	Coarse Grains