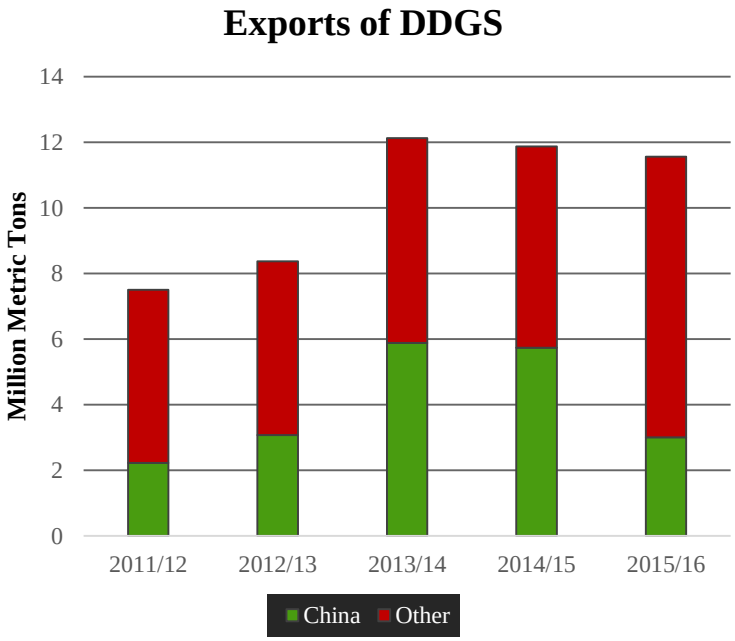
United States Department of Agriculture

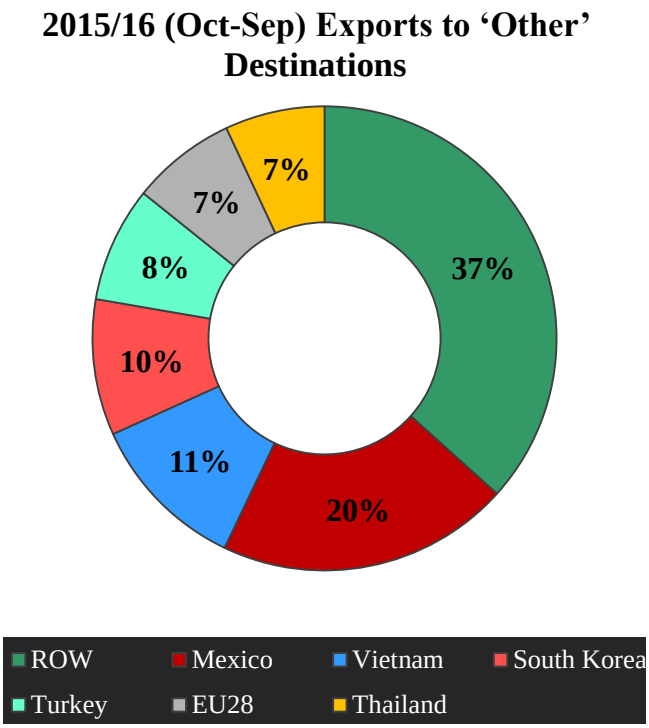
Foreign Agricultural Service

December 2016

Grain: World Markets and Trade

U.S. Exports of DDGS Diversify





The United States continues to export significant quantities of distiller's dried grains with solubles (DDGS). DDGS are co-products of corn ethanol production and a competitive feed ingredient in the United States and elsewhere. Demand has been driven by its use as both a protein and energy source in feed rations. China accounted for nearly half of U.S. exports in 2014/15 (Oct-Sep) but roughly one-quarter this past year. With robust foreign demand beyond China, U.S. exports have diversified.

Exports to other countries have expanded as a result of competitive prices relative to substitutes (e.g., soybean meal). In Southeast Asia, for example, it appears that large quantities of rice unfit for human consumption have increased the demand for a protein source. Old rice can be mixed with DDGS to help produce a balanced, cost-effective feed ration.

Compared to the preceding year, exports to Vietnam increased 74 percent while shipments to Thailand increased 62 percent. Outside of Southeast Asia, exports to Mexico and South Korea have increased each year since 2012/13. As DDGS prices trend downward and soybean meal prices remain relatively higher, DDGS exports have become more competitive.

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TABLE OF CONTENTS

World Markets and Trade: Commentary and Current Data
Wheat 4
Rice 10
Coarse Grains 16

Historical Data Series for Selected Regions and Countries 36

Endnotes to Grain: World Markets and Trade 55

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:
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All Grain Summary Comparison

Million Metric Tons

		Wheat			Rice, Milled			Corn		
	Marketing Year	2014/15	2015/16	2016/17	2014/15	2015/16	2016/17	2014/15	2015/16	2016/17
Production										
United States	(Jun-May)	55.1	56.1	62.9	7.1	6.1	7.5	361.1	345.5	386.7
Other		673.2	679.4	688.4	471.5	466.2	474.0	652.9	615.6	653.0
World Total		728.3	735.5	751.3	478.6	472.3	481.5	1,014.0	961.1	1,039.7
Domestic Consumption										
United States	(Jun-May)	31.3	32.0	35.2	4.3	3.5	4.2	301.8	298.8	314.6
Other		669.1	677.5	699.3	471.2	465.1	471.6	661.7	679.2	700.1
World Total		700.4	709.5	734.5	475.5	468.6	475.8	963.5	978.0	1,014.7
Ending Stocks										
United States	(Jun-May)	20.5	26.6	31.1	1.6	1.5	1.9	44.0	44.1	61.0
Other		196.7	214.0	221.0	112.9	115.0	118.3	164.3	164.8	161.2
World Total		217.2	240.6	252.1	114.5	116.5	120.2	208.3	208.9	222.2
TY Imports										
United States	(Jun-May)	4.0	3.1	3.4	0.8	0.8	0.8	0.8	1.8	1.3
Other		155.0	165.5	169.2	38.8	36.3	37.9	124.9	136.8	137.2
World Total		159.0	168.6	172.6	39.6	37.1	38.7	125.7	138.6	138.5
TY Exports										
United States	(Jun-May)	23.0	21.9	26.0	3.4	3.5	3.6	46.8	51.2	56.5
Other		138.8	150.3	149.4	39.3	36.1	37.0	81.6	93.6	85.2
World Total		161.8	172.2	175.4	42.7	39.6	40.6	128.4	144.8	141.7

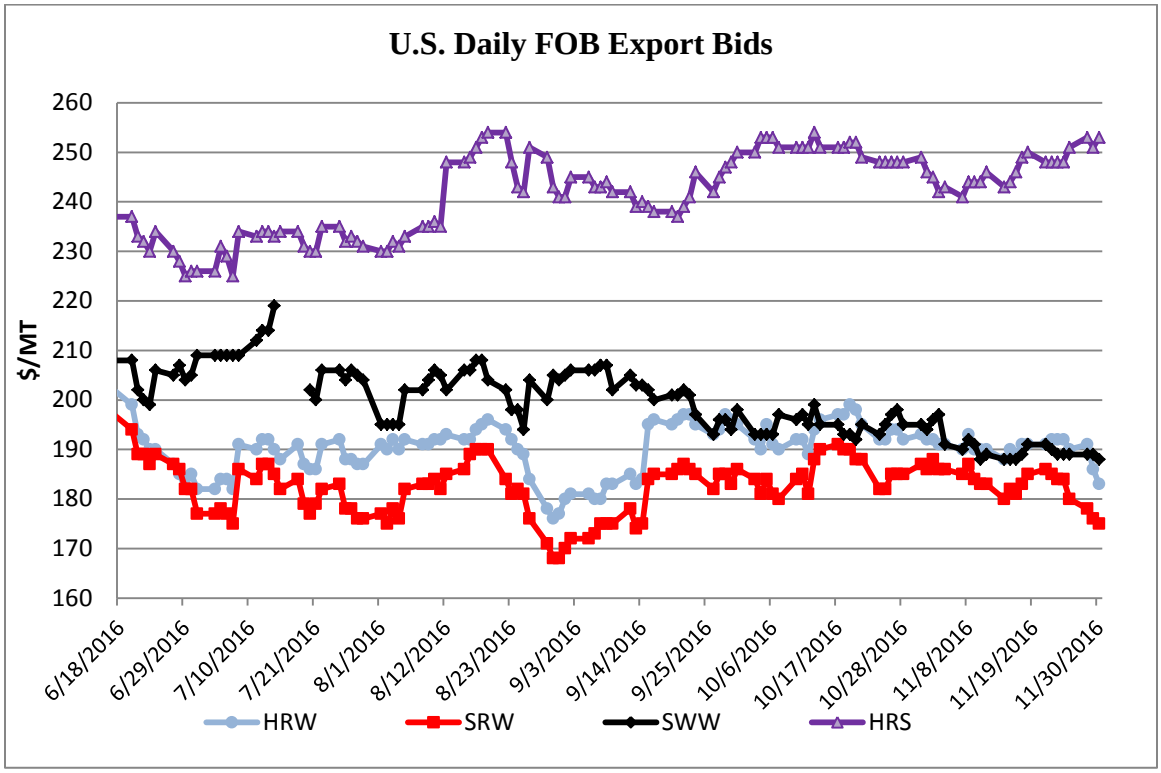
Note: Consumption in this table has not been adjusted for differences in marketing year imports and exports and therefore differs from global totals shown elsewhere.Marketing years for U.S. grains are: Wheat (Jun-May), Rice (Aug-Jul), Corn (Sep-Aug).'Marketing Year' column is germane for U.S. wheat only.

WHEAT: WORLD MARKETS AND TRADE

OVERVIEW

Global and Australian production in 2016/17 are both raised to new records. Global trade is boosted to a new record with stronger import demand from Asia and Brazil. Larger exports for Australia and Argentina are partially offset by a decrease for Russia. The U.S. season-average farm price is unchanged at $3.70 per bushel.

U.S. PRICES:



Domestic: Prices for most wheat classes declined moderately in November, pressured by abundant global supplies. Overall, Hard Red Winter (HRW) declined $10/ton to $183, while Soft Red Winter (SRW) decreased $12/ton to $175. Soft White Winter (SWW) lost $7/ton to $188. On the other hand, Hard Red Spring (HRS) is up $4/ton to $253 this month as higher-protein wheat is in relatively tight supply globally.

AUSTRALIAN WHEAT SITUATION

Australian exports for trade year 2016/17 are now forecast at a near-record 23.0 million metric tons, up about 45 percent from the previous year. Australia is a key supplier to several fast-growing Asian markets and is now forecast to have the highest exports in 5 years. Exportable supplies are massive because of a record crop, which is now forecast at 33.0 million tons. Despite higher exports and domestic consumption, stocks will continue to grow, augmenting the already burdensome global stocks and pressuring prices.

TRADE CHANGES IN 2016/17

Selected Exporters

- **Argentina** up 200,000 tons to 8.2 million based on the fast pace of old-crop shipments.
- **Australia** is boosted sharply by 2.5 million tons to 23.0 million due to larger production and competitive pricing.
- **Russia** is lowered 1.0 million tons to 29.0 million due to slower-than-expected trade.

Selected Importers

- **Bangladesh** is raised 400,000 tons to 5.1 million on a stronger pace of trade.
- **Brazil** is up 400,000 tons to 7.0 million with food use expected to rebound.
- **Indonesia** is boosted 300,000 tons to 8.8 million on trade to date and rising food use.
- **Thailand** is raised 200,000 tons to 3.8 million based on the pace of trade.
- **Vietnam** is up 300,000 tons to 3.3 million based on stronger trade and higher expected feed and residual use.

World Wheat, Flour, and Products Trade

July/June Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Nov	2016/17 Dec
TY Exports						
Argentina	7,450	1,675	4,200	8,860	8,000	8,200
Australia	21,269	18,339	16,575	15,782	20,500	23,000
Brazil	1,753	81	1,688	1,063	1,500	1,600
Canada	18,584	22,156	24,877	22,141	21,500	21,500
European Union	22,786	32,032	35,418	34,677	25,000	25,000
Kazakhstan	6,801	8,000	5,507	7,600	8,500	8,500
Mexico	729	1,322	1,104	1,568	1,500	1,500
Russia	11,308	18,609	22,800	25,543	30,000	29,000
Turkey	3,583	4,293	4,134	5,609	5,600	5,600
Ukraine	7,190	9,755	11,269	17,431	15,500	15,500
Others	18,117	14,726	11,228	10,034	9,997	9,997
Subtotal	119,570	130,988	138,800	150,308	147,597	149,397
United States	27,734	31,519	22,999	21,856	26,000	26,000
World Total	147,304	162,507	161,799	172,164	173,597	175,397
TY Imports						
Afghanistan	1,600	2,050	2,000	2,700	2,700	2,700
Algeria	6,484	7,484	7,257	8,153	8,200	8,200
Bangladesh	2,725	3,354	3,929	4,693	4,700	5,100
Brazil	7,547	7,061	5,869	5,925	6,600	7,000
China	2,960	6,773	1,926	3,476	3,500	3,500
Colombia	1,507	1,733	1,627	2,032	2,000	2,000
Egypt	8,400	10,150	11,300	11,925	11,800	11,800
European Union	5,276	3,976	5,975	6,916	6,500	6,500
India	20	22	273	300	3,000	3,000
Indonesia	7,146	7,391	7,478	10,116	8,500	8,800
Iraq	3,948	3,246	2,253	2,220	2,300	2,300
Japan	6,598	6,123	5,878	5,715	5,800	5,800
Korea, South	5,439	4,288	3,942	4,420	5,000	5,000
Mexico	3,823	4,639	4,476	4,805	4,600	4,600
Morocco	3,825	3,928	4,086	4,503	5,000	5,000
Nigeria	4,168	4,580	4,244	4,410	4,400	4,500
Philippines	3,620	3,476	5,055	4,850	5,000	5,000
Saudi Arabia	1,921	3,429	3,487	2,931	3,500	3,500
Sudan	1,793	2,664	2,632	2,021	2,300	2,300
Syria	963	1,603	865	965	2,300	2,300
Thailand	1,840	1,684	3,488	4,814	3,600	3,800
Turkey	3,312	4,149	5,960	4,396	5,000	5,000
Uzbekistan	1,863	2,224	2,230	2,654	2,700	2,700
Vietnam	1,671	2,157	2,296	3,069	3,000	3,300
Yemen	3,207	3,425	3,245	3,323	3,350	3,350
Others	49,684	54,020	53,259	54,240	52,186	52,186
Subtotal	141,340	155,629	155,030	165,572	167,536	169,236
Unaccounted	2,513	2,118	2,805	3,536	2,661	2,761
United States	3,451	4,760	3,964	3,056	3,400	3,400
World Total	147,304	162,507	161,799	172,164	173,597	175,397

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 Nov	2016/17 Dec
Production						
Argentina	9,300	10,500	13,930	11,300	14,400	14,400
Australia	22,856	25,303	23,910	24,500	28,300	33,000
Brazil	4,380	5,300	6,000	5,540	6,340	6,700
Canada	27,205	37,530	29,420	27,594	31,500	31,700
China	121,023	121,930	126,208	130,190	128,000	128,850
Egypt	8,500	8,250	8,300	8,100	8,100	8,100
European Union	133,949	144,583	156,922	160,012	143,574	143,974
India	94,882	93,506	95,850	86,530	90,000	90,000
Iran	13,800	14,500	13,000	15,000	15,500	15,500
Kazakhstan	9,841	13,941	12,996	13,748	16,500	16,500
Pakistan	23,473	24,211	25,979	25,100	25,300	25,300
Russia	37,720	52,091	59,080	61,044	72,000	72,000
Turkey	16,000	18,750	15,250	19,500	17,500	17,500
Ukraine	15,761	22,278	24,750	27,274	27,000	27,000
Uzbekistan	6,700	6,800	7,150	7,200	7,200	7,200
Others	51,942	57,474	54,364	56,745	50,649	50,680
Subtotal	597,332	656,947	673,109	679,377	681,863	688,404
United States	61,298	58,105	55,147	56,117	62,859	62,859
World Total	658,630	715,052	728,256	735,494	744,722	751,263
Total Consumption						
Algeria	9,450	9,850	10,050	10,250	10,450	10,450
Brazil	10,900	11,400	10,700	10,500	10,800	11,300
Canada	9,555	9,415	9,097	7,832	9,700	9,900
China	125,000	116,500	116,500	112,000	117,000	117,000
Egypt	18,700	18,500	19,100	19,200	19,700	19,700
European Union	119,250	117,300	124,677	130,984	128,700	129,200
India	83,824	93,848	93,102	88,551	96,140	96,140
Indonesia	6,950	7,165	7,365	9,100	9,300	9,200
Iran	16,000	17,000	17,500	18,000	18,500	18,500
Morocco	8,300	9,000	9,000	9,800	10,200	10,200
Pakistan	23,900	24,100	24,500	24,400	24,500	24,500
Russia	33,550	34,100	35,500	37,000	39,000	39,000
Turkey	17,650	17,750	17,500	18,000	17,800	17,800
Ukraine	11,400	11,500	11,500	12,300	11,800	11,800
Uzbekistan	8,000	8,400	8,900	9,350	9,700	9,700
Others	146,922	150,344	154,104	160,208	163,774	164,924
Subtotal	641,492	663,700	674,405	680,031	701,358	704,608
United States	37,810	34,261	31,334	32,019	35,163	35,163
World Total	679,302	697,961	705,739	712,050	736,521	739,771
Ending Stocks						
Australia	4,663	4,558	4,837	6,138	6,628	7,328
Canada	5,112	10,405	7,054	5,167	5,952	5,952
China	53,960	65,274	76,105	97,042	110,742	111,592
European Union	10,711	9,938	12,740	14,007	10,381	10,281
India	24,200	17,830	17,220	14,540	11,000	11,000
Iran	5,116	7,301	7,916	8,176	5,976	5,976
Russia	4,933	5,177	6,285	5,601	9,101	10,101
Others	49,361	58,137	64,568	63,421	58,336	58,791
Subtotal	158,056	178,620	196,725	214,092	218,116	221,021
United States	19,538	16,065	20,477	26,554	31,117	31,117
World Total	177,594	194,685	217,202	240,646	249,233	252,138

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Nov 2016/17	Dec 2016/17
TY Imports						
North America	7,759	9,841	8,930	8,353	8,485	8,485
Central America	1,654	1,833	1,834	1,833	1,950	1,950
South America	14,422	14,866	13,132	13,343	14,275	14,675
European Union - 28	5,276	3,976	5,975	6,916	6,500	6,500
Other Europe	1,632	1,858	1,760	1,828	1,795	1,795
Former Soviet Union - 12	7,246	7,506	7,681	7,371	7,520	7,520
Middle East	24,250	28,434	26,921	24,376	25,275	25,275
North Africa	22,047	25,246	25,430	27,852	28,100	28,100
Sub-Saharan Africa	18,585	20,502	21,288	23,160	22,650	22,750
East Asia	17,354	19,465	14,115	16,224	16,810	16,810
South Asia	5,308	6,721	8,163	8,785	11,606	12,006
Southeast Asia	16,294	17,101	20,541	25,429	22,650	23,450
Others	2,964	3,040	3,224	3,158	3,320	3,320
Total	144,791	160,389	158,994	168,628	170,936	172,636
Production						
North America	91,734	99,012	88,254	87,462	98,259	98,459
South America	18,011	19,762	24,152	21,273	24,454	24,844
European Union - 28	133,949	144,583	156,922	160,012	143,574	143,974
Other Europe	3,431	4,103	3,929	4,018	4,606	4,606
Former Soviet Union - 12	77,802	103,885	112,735	118,238	131,430	131,430
Middle East	37,038	41,708	35,414	41,795	39,310	39,310
North Africa	17,501	19,661	17,013	19,912	14,131	14,131
Sub-Saharan Africa	6,736	7,235	7,523	6,313	7,041	7,107
East Asia	122,490	123,248	127,650	131,515	129,351	130,136
South Asia	126,412	125,917	130,154	119,840	123,645	123,645
Oceania	23,345	25,751	24,324	24,925	28,730	33,430
Others	181	187	186	191	191	191
Total	658,630	715,052	728,256	735,494	744,722	751,263
Domestic Consumption						
North America	53,990	50,326	47,281	46,851	51,983	52,183
South America	26,212	27,126	26,780	26,610	27,315	27,815
European Union - 28	119,250	117,300	124,677	130,984	128,700	129,200
Other Europe	4,721	4,807	4,850	4,880	5,120	5,120
Former Soviet Union - 12	71,725	72,750	75,360	78,205	79,915	79,915
Middle East	56,786	58,767	58,462	60,240	61,010	61,110
North Africa	41,340	42,475	42,726	43,646	44,875	44,875
Sub-Saharan Africa	24,067	26,306	27,062	28,539	28,719	28,819
East Asia	140,071	130,201	129,524	125,239	131,200	131,200
South Asia	121,007	132,041	132,302	128,959	137,661	137,861
Southeast Asia	16,515	16,560	19,265	23,155	23,090	23,240
Oceania	8,111	8,280	8,569	8,612	8,865	9,365
Others	3,366	3,494	3,571	3,574	3,774	3,774
Total	687,161	690,433	700,429	709,494	732,227	734,477
Ending Stocks						
North America	24,925	26,789	28,059	32,237	37,465	37,465
South America	3,538	6,834	8,268	4,987	5,476	5,280
European Union - 28	10,711	9,938	12,740	14,007	10,381	10,281
Other Europe	1,057	935	1,101	1,112	1,018	1,018
Former Soviet Union - 12	14,253	15,639	20,488	16,408	20,803	21,803
Middle East	14,300	18,801	18,344	18,441	15,471	15,271
North Africa	12,069	14,031	13,141	16,467	12,983	12,983
Sub-Saharan Africa	2,495	3,049	3,222	3,284	3,026	3,092
East Asia	57,214	68,314	79,217	100,432	114,003	114,788
South Asia	27,995	21,661	23,219	21,224	17,364	17,564
Southeast Asia	3,718	3,466	3,892	5,293	3,968	4,618
Oceania	4,978	4,861	5,123	6,395	6,895	7,595
Others	341	367	388	359	380	380
Total	177,594	194,685	217,202	240,646	249,233	252,138

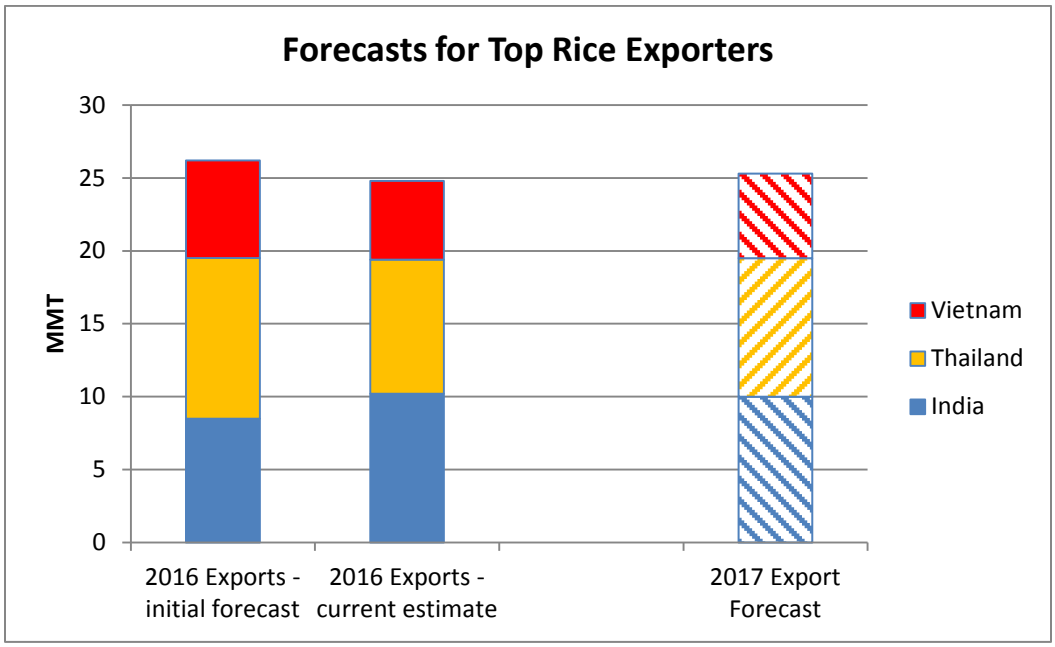
NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

RICE: WORLD MARKETS AND TRADE

OVERVIEW

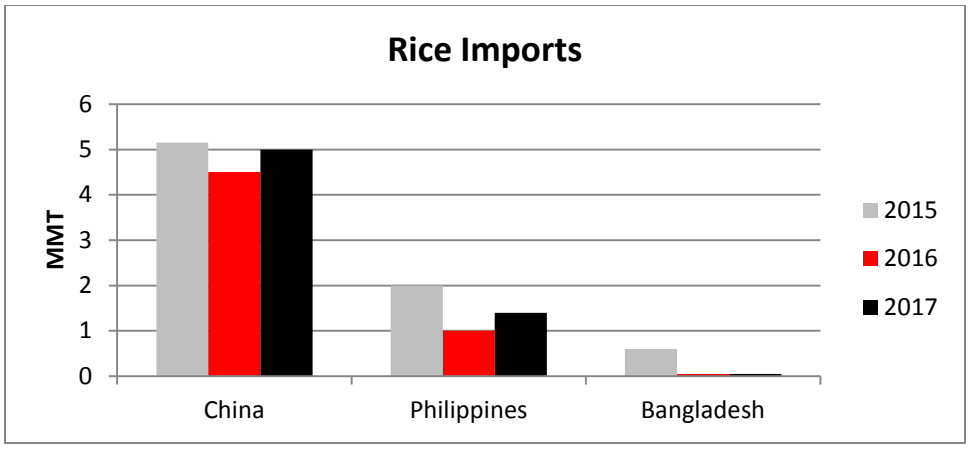
For 2016/17, global production is lowered, primarily on revisions to the China crop, but remains a record. Trade is revised marginally lower, although up from the prior year. Consumption is adjusted slightly lower, but is still up 2 percent from the prior year. Global stocks are revised down with cuts to China, though remain the highest in 15 years.

FEATURE



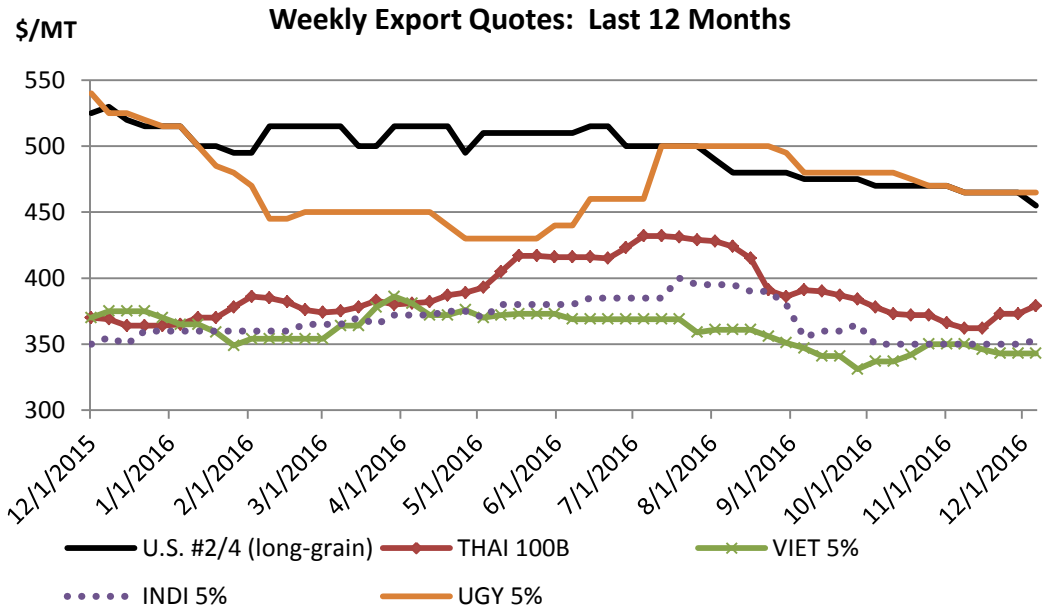
Over the past 18 months, the USDA forecasts for 2016 exports have evolved, reflecting changing market conditions. Overall, global trade is lower than initially anticipated, reflecting weaker demand from importers. Contrary to initial expectations, Indian consumption has declined, stocks have grown, and the country has remained the top exporter. In contrast, Thai exports ultimately declined from initial expectations, as stock sales were sluggish despite the government's stated commitments to liquidate stocks via auctions. Vietnam, generally a residual supplier, has found it difficult to compete against the Thai old crop sales.

Looking ahead to 2017, trade is forecast higher with higher demand from Asia and the Middle East. India's exports are expected to remain in the lead, though declining marginally as domestic consumption rebounds and non-basmati exports face tighter competition. Thailand's exports are forecast slightly higher, as sales from stocks will continue next year and larger production supplements supplies. Vietnam's exports are forecast up, but still below historical levels.



Imports for several countries have trended down in 2016. China remains the largest importer, though its buying has slowed in recent months. Its imports are forecast to rebound in 2017 with a smaller crop and a renewed commitment to purchase from Thailand. For the Philippines, imports were halved in 2016, despite initial expectations that poor weather conditions would lead to large purchases. Imports are forecast to return to normal levels to replenish stocks. For Bangladesh, however, sufficient production and the imposition of a higher import tariff cut imports dramatically in 2016, which are expected to remain low in the near future. Other key countries such as Nigeria, Indonesia, and Iran also trimmed imports modestly in 2016.

PRICES



Exporter quotes for long-grain rice remained fairly stable over the past month. Only Thailand and India saw quotes strengthen to $379/MT and $353/MT, respectively. The Vietnam quote declined slightly to $343/MT. The Western Hemisphere quotes remain elevated at $465/MT for Uruguay and a slight decline to $455/MT for the United States on thin offshore demand.

SELECTED TRADE CHANGES for 2017

- **Burma** exports are lowered 100,000 tons to 1.4 million on slow border trade.
- **Cote d'Ivoire** imports are raised 150,000 tons to 1.4 million on expectations of continued consumption growth.
- **Guinea** imports are boosted 100,000 tons to 500,000 on rising demand for imported rice amid shifting diets.

SELECTED TRADE CHANGES for 2016 – based on trade data

- **Burma** exports are lowered 100,000 tons to 1.1 million.
- **China** imports are cut 100,000 tons to 4.5 million.
- **India** exports are down 300,000 tons to 10.2 million.

World Rice Trade

January/December Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Nov	2016/17 Dec
TY Exports						
Argentina	526	494	310	560	550	550
Australia	460	404	323	150	250	250
Brazil	830	852	895	700	650	650
Burma	1,163	1,688	1,735	1,100	1,500	1,400
Cambodia	1,075	1,000	1,150	900	1,000	1,000
China	447	393	262	275	300	275
Egypt	700	600	250	200	300	300
European Union	203	284	251	270	280	280
Guyana	346	446	520	460	540	500
India	10,480	11,588	11,046	10,200	10,000	10,000
Pakistan	4,126	3,700	4,000	4,200	4,200	4,200
Paraguay	365	380	371	480	470	470
Thailand	6,722	10,969	9,779	9,200	9,500	9,500
Uruguay	939	957	718	920	840	840
Vietnam	6,700	6,325	6,606	5,400	5,800	5,800
Others	1,116	1,081	1,090	1,118	1,120	1,045
Subtotal	36,198	41,161	39,306	36,133	37,300	37,060
United States	3,295	2,947	3,355	3,450	3,550	3,550
World Total	39,493	44,108	42,661	39,583	40,850	40,610
TY Imports						
Angola	430	500	450	450	475	475
Brazil	712	586	363	750	650	650
Cameroon	550	610	525	530	530	530
China	3,500	4,450	5,150	4,500	5,000	5,000
Cote d'Ivoire	830	950	1,150	1,300	1,200	1,350
Cuba	413	377	575	530	510	510
European Union	1,375	1,556	1,786	1,800	1,800	1,800
Ghana	725	590	500	650	650	650
Guinea	360	380	350	450	400	500
Haiti	416	387	447	470	490	490
Indonesia	650	1,225	1,350	1,100	1,250	1,250
Iran	2,220	1,400	1,300	1,100	1,050	1,050
Iraq	1,294	1,080	1,009	900	1,050	1,050
Japan	690	669	688	700	700	700
Kenya	410	440	450	460	470	470
Malaysia	885	989	1,051	950	1,050	1,000
Mexico	749	685	719	700	750	750
Mozambique	500	590	575	575	600	600
Nepal	340	510	529	450	550	550
Nigeria	2,400	3,200	2,100	2,000	1,900	1,900
Philippines	1,000	1,800	2,000	1,000	1,400	1,400
Saudi Arabia	1,326	1,459	1,600	1,500	1,550	1,550
Senegal	902	960	990	985	990	990
South Africa	990	910	912	1,000	925	925
United Arab Emirates	540	560	580	600	610	610
Others	11,563	13,507	11,704	10,932	11,229	11,199
Subtotal	35,770	40,370	38,853	36,382	37,779	37,949
Unaccounted	3,048	2,983	3,050	2,436	2,296	1,886
United States	675	755	758	765	775	775
World Total	39,493	44,108	42,661	39,583	40,850	40,610

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

World Rice Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Nov	2016/17 Dec
Milled Production						
Bangladesh	33,820	34,390	34,500	34,500	34,515	34,515
Brazil	8,037	8,300	8,465	7,210	8,025	8,025
Burma	11,715	11,957	12,600	12,200	12,500	12,500
Cambodia	4,670	4,725	4,700	4,705	4,700	4,700
China	143,000	142,530	144,560	145,770	146,500	144,850
Egypt	4,675	4,750	4,530	4,000	4,554	4,554
India	105,241	106,646	105,482	104,320	106,500	106,500
Indonesia	36,550	36,300	35,560	36,200	36,600	36,600
Japan	7,907	7,931	7,849	7,670	7,790	7,790
Korea, South	4,006	4,230	4,241	4,327	4,200	4,200
Nepal	3,003	3,361	3,100	3,100	3,100	3,100
Pakistan	5,536	6,798	6,900	6,700	6,900	6,900
Philippines	11,428	11,858	11,915	11,350	12,000	11,500
Thailand	20,200	20,460	18,750	15,800	18,600	18,600
Vietnam	27,537	28,161	28,166	27,458	27,800	27,800
Others	38,857	39,821	40,138	40,849	42,059	41,917
Subtotal	466,182	472,218	471,456	466,159	476,343	474,051
United States	6,348	6,117	7,106	6,107	7,454	7,454
World Total	472,530	478,335	478,562	472,266	483,797	481,505
Consumption and Residual						
Bangladesh	34,500	34,900	35,100	35,100	35,000	35,000
Brazil	7,850	7,900	7,925	7,800	7,900	7,900
Burma	10,400	10,450	10,500	10,800	10,900	11,000
Cambodia	3,550	3,650	3,615	3,700	3,725	3,725
China	141,000	143,000	144,500	144,000	144,000	144,000
Egypt	4,050	4,000	4,000	3,900	4,000	4,000
India	93,972	98,727	98,244	93,480	97,000	97,000
Indonesia	38,127	38,500	38,300	37,900	37,700	37,700
Japan	8,351	8,380	8,600	8,500	8,500	8,500
Korea, South	4,489	4,422	4,197	4,374	4,484	4,484
Nepal	3,353	3,811	3,716	3,500	3,650	3,650
Nigeria	5,300	5,500	5,400	5,200	5,000	5,000
Philippines	12,850	12,850	13,200	13,100	13,300	13,100
Thailand	10,600	10,600	10,500	9,800	10,600	10,600
Vietnam	21,600	22,000	22,000	22,000	22,200	22,200
Others	59,054	61,251	61,367	61,923	63,711	63,726
Subtotal	461,649	474,371	473,611	466,788	474,161	473,546
United States	3,779	3,977	4,301	3,529	4,222	4,222
World Total	465,428	478,348	477,912	470,317	478,383	477,768
Ending Stocks						
China	49,832	53,102	57,436	63,735	70,935	69,310
India	25,500	22,800	17,800	18,400	17,900	17,900
Indonesia	6,476	5,501	4,111	3,511	3,661	3,661
Japan	2,857	3,007	2,821	2,611	2,516	2,516
Korea, South	780	899	1,406	1,697	1,821	1,821
Philippines	1,487	1,695	2,210	2,060	1,860	1,760
Thailand	12,808	11,999	10,770	7,870	6,620	6,620
Others	12,988	13,843	16,415	15,111	14,514	14,722
Subtotal	112,728	112,846	112,969	114,995	119,827	118,310
United States	1,156	1,025	1,552	1,475	1,897	1,897
World Total	113,884	113,871	114,521	116,470	121,724	120,207

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	Nov 2016/17	Dec 2016/17
TY Imports						
North America	1,779	1,801	1,839	1,815	1,890	1,890
Caribbean	971	903	1,176	1,160	1,155	1,155
South America	1,833	1,814	1,685	1,935	1,762	1,762
Other Europe	125	132	128	135	140	140
Former Soviet Union - 12	557	626	569	491	501	501
Middle East	7,252	6,711	6,467	5,795	6,150	6,150
North Africa	487	485	391	470	670	670
Sub-Saharan Africa	11,567	12,627	10,789	11,395	11,310	11,560
East Asia	5,349	6,045	6,686	6,076	6,631	6,631
South Asia	722	2,566	1,692	850	960	930
Southeast Asia	3,606	5,023	5,674	4,280	4,760	4,710
Others	2,197	2,392	2,515	2,745	2,625	2,625
Total	36,445	41,125	39,611	37,147	38,554	38,724
Production						
North America	6,479	6,248	7,285	6,256	7,627	7,627
Caribbean	974	1,054	979	992	982	982
South America	15,852	16,384	16,431	15,397	16,227	16,127
European Union - 28	2,100	1,937	1,963	2,055	2,026	2,026
Former Soviet Union - 12	1,294	1,205	1,185	1,262	1,280	1,280
Middle East	2,251	2,450	2,443	2,392	2,563	2,521
North Africa	4,704	4,789	4,530	4,000	4,554	4,554
Sub-Saharan Africa	13,272	13,984	14,468	15,140	15,477	15,477
East Asia	157,953	157,701	159,486	160,211	161,234	159,584
South Asia	150,660	154,377	153,218	152,311	154,478	154,478
Southeast Asia	115,490	116,867	115,367	111,439	115,971	115,471
Others	1,501	1,339	1,207	811	1,378	1,378
Total	472,530	478,335	478,562	472,266	483,797	481,505
Domestic Consumption						
North America	4,987	5,216	5,539	4,762	5,477	5,477
Central America	1,171	1,200	1,203	1,309	1,333	1,333
Caribbean	1,954	1,992	2,051	2,142	2,201	2,201
South America	14,341	14,582	14,637	14,677	14,773	14,828
European Union - 28	3,250	3,250	3,350	3,500	3,550	3,550
Former Soviet Union - 12	1,579	1,605	1,524	1,525	1,526	1,526
Middle East	8,989	9,190	9,235	8,726	8,908	8,858
North Africa	4,572	4,480	4,379	4,220	4,370	4,370
Sub-Saharan Africa	24,741	26,076	26,077	26,228	26,941	27,076
East Asia	157,459	159,414	160,566	159,774	160,209	160,209
South Asia	137,375	143,433	143,291	138,777	142,453	142,353
Southeast Asia	101,694	102,763	103,057	102,436	103,606	103,481
Others	713	717	556	530	545	545
Total	462,825	473,918	475,465	468,606	475,892	475,807
Ending Stocks						
North America	1,349	1,184	1,717	1,585	2,038	2,038
Central America	186	210	233	291	287	279
Caribbean	289	264	223	227	168	168
South America	1,586	1,844	2,151	1,516	1,306	1,466
European Union - 28	1,188	1,163	1,210	1,294	1,290	1,290
Middle East	2,004	1,864	1,777	1,163	963	951
North Africa	427	610	924	924	1,478	1,478
Sub-Saharan Africa	2,229	2,133	2,191	1,977	1,513	1,678
East Asia	53,832	57,296	61,919	68,279	75,528	73,903
South Asia	26,891	24,920	21,428	21,480	20,382	20,330
Southeast Asia	23,486	21,976	20,357	17,515	16,435	16,290
Oceania	238	241	223	73	180	180
Others	179	166	168	146	156	156
Total	113,884	113,871	114,521	116,470	121,724	120,207

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.

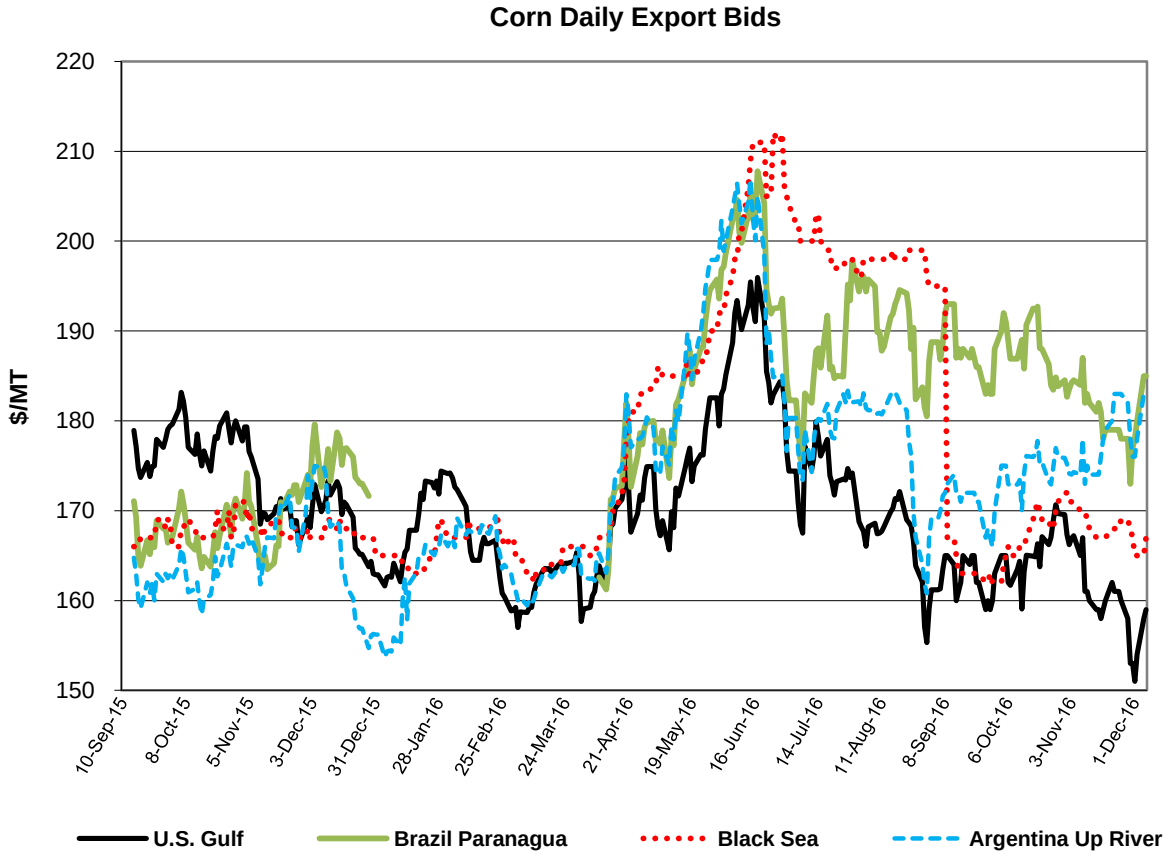
COARSE GRAINS: WORLD MARKETS AND TRADE

OVERVIEW

For 2016/17, global corn production is projected higher from last month with larger crops for Brazil, Canada, China, the EU, Indonesia, and Russia. Global trade is projected higher, primarily driven by stronger imports from Colombia, Iran, Taiwan, and Vietnam. Exports are raised for Brazil and Russia on greater supplies. The U.S. season-average farm price is forecast 5 cents higher to $3.35 per bushel.

PRICES

Since the release of the November WASDE, South American quotes moved higher on tight nearby supplies. The Brazilian quote is up $1/ton to $185, while Argentine is up $9/ton to $183. In comparison, U.S. and Black Sea quotes have ended lower on large supplies, with the U.S. quote down $6/ton to $159 and Black Sea down $3/ton to $167. U.S. corn has remained the lowest since February on a FOB basis, reflecting abundant U.S. production and relatively tight supplies in competitor countries.



TRADE CHANGES IN 2016/17

Selected Exporters

- **Brazilian corn** is raised 1.0 million tons to 22.0 million on a record crop.
- **Russian corn** is boosted 600,000 tons to 5.3 million on record production.
- **Argentine barley** is down 200,000 tons to 2.0 million with a smaller crop.
- **Australian barley** is up 300,000 tons to 7.0 million on a record crop, while **sorghum** is slashed 500,000 tons to 400,000 reflecting reduced crop prospects.

Selected Importers

- **Algerian corn** is boosted 200,000 tons to 4.5 million on stronger expected feed use.
- **Canadian corn** is down 500,000 tons to 1.0 million offset by larger production.
- **Chinese sorghum** is cut 500,000 tons to 5.0 million reflecting recent slow purchases and tight supplies from Australia, a major supplier.
- **Colombian corn** is raised 300,000 tons to 4.8 million on brisk sales from the United States.
- **Egyptian corn** is up 250,000 tons to 9.0 million on stronger demand for competitively priced feed grains.
- **EU corn** is down 400,000 tons to 13.1 million on larger supplies of feed-quality wheat and higher domestic production.
- **Indonesian corn** is cut 300,000 tons to 1.7 million as import-restrictive policies are in place, and the government promotes self-sufficiency in corn production.
- **Iranian corn** is up 500,000 tons to 7.0 million on stronger demand for competitively-priced feed grains and larger exportable supplies in Brazil, a major supplier.
- **Malaysian corn** is up 200,000 tons to 3.8 million on competitive global prices.
- **Taiwanese corn** is boosted 400,000 tons to 4.6 million on robust feed demand.
- **Vietnamese corn** is raised 1.0 million tons to 7.5 million with stronger feed demand and greater exportable supplies in Brazil, the top supplier.

World Coarse Grain Trade

October/September Year, Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	2016/17 Nov	2016/17 Dec
TY Exports						
Argentina	29,497	16,630	21,003	25,285	28,505	28,305
Australia	6,416	7,009	7,291	6,700	7,975	7,775
Brazil	26,078	22,059	21,954	35,417	21,030	22,030
Canada	4,658	5,482	3,599	4,687	3,850	3,950
European Union	8,943	7,841	15,068	10,934	8,255	8,355
Paraguay	2,861	2,718	3,031	2,676	2,315	2,315
Russia	4,366	7,074	9,155	8,468	8,760	9,360
Serbia	605	1,799	3,001	1,553	2,260	2,260
South Africa	2,412	2,128	762	774	1,325	1,325
Ukraine	15,527	24,125	24,208	21,457	23,210	23,210
Others	10,479	11,615	8,426	7,773	7,100	7,220
Subtotal	111,842	108,480	117,498	125,724	114,585	116,105
United States	20,586	56,776	56,423	59,295	63,095	63,035
World Total	132,428	165,256	173,921	185,019	177,680	179,140
TY Imports						
Algeria	3,289	4,946	4,863	5,224	5,225	5,425
Brazil	1,238	1,184	1,023	2,121	1,550	1,550
Chile	1,327	1,621	1,707	1,805	2,025	2,025
China	5,603	12,445	25,699	17,499	13,700	13,200
Colombia	4,090	4,795	4,747	4,824	4,840	5,140
Egypt	5,097	8,775	7,940	8,849	8,855	9,105
European Union	11,778	16,355	9,408	14,261	14,080	13,680
Indonesia	2,719	3,513	3,381	1,778	2,000	1,700
Iran	4,800	6,600	8,000	8,300	8,100	8,600
Israel	1,564	2,073	1,603	1,510	1,810	1,810
Japan	17,742	17,501	16,726	17,063	16,870	16,870
Jordan	1,406	1,672	1,459	1,722	1,475	1,475
Korea, South	8,265	10,499	10,245	10,192	9,890	9,888
Libya	1,220	1,493	1,685	1,905	1,500	1,500
Malaysia	3,048	3,485	3,238	4,134	3,600	3,800
Mexico	7,624	11,312	11,640	14,904	14,775	14,775
Morocco	1,832	2,858	2,217	3,182	3,200	3,200
Peru	2,404	2,336	2,863	3,077	3,035	3,035
Saudi Arabia	12,390	11,332	11,115	13,992	14,210	14,210
South Africa	92	235	693	2,778	2,680	2,730
Taiwan	4,413	4,346	3,938	4,781	4,300	4,700
Tunisia	1,608	1,449	1,525	1,713	1,800	1,800
Turkey	1,922	1,977	2,719	713	1,805	1,805
Venezuela	2,154	2,627	2,433	1,800	2,200	2,200
Vietnam	1,600	4,300	6,700	8,600	6,500	7,500
Others	14,049	16,659	18,524	19,461	20,321	20,081
Subtotal	123,274	156,388	166,091	176,188	170,346	171,804
Unaccounted	2,639	5,545	4,535	4,849	3,959	3,961
United States	6,515	3,323	3,295	3,982	3,375	3,375
World Total	132,428	165,256	173,921	185,019	177,680	179,140

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 Nov	2016/17 Dec
Production						
Argentina	37,246	35,665	35,732	37,939	44,139	44,024
Australia	11,414	12,158	12,605	12,437	14,264	14,484
Brazil	84,253	82,603	87,669	69,126	86,017	89,017
Canada	24,445	28,745	21,992	25,619	24,570	25,630
China	212,192	225,407	222,750	231,832	223,700	227,354
Ethiopia	12,286	13,079	14,442	9,985	12,750	12,750
European Union	146,188	159,212	170,854	151,812	151,963	152,393
India	39,910	43,216	43,076	38,043	42,260	42,260
Indonesia	8,500	9,100	9,000	10,500	9,600	10,200
Mexico	28,881	32,065	32,689	32,189	31,825	31,825
Nigeria	18,573	19,292	19,015	17,950	18,500	18,500
Russia	28,658	35,735	40,386	37,427	40,000	41,000
South Africa	12,873	15,518	11,110	8,364	13,525	13,468
Turkey	10,595	13,090	9,425	14,275	10,925	10,925
Ukraine	29,528	40,022	39,389	33,387	38,100	38,100
Others	145,648	147,580	158,747	151,772	153,399	153,316
Subtotal	851,190	912,487	928,881	882,657	915,537	925,246
United States	285,311	367,089	377,234	366,989	404,109	404,109
World Total	1,136,501	1,279,576	1,306,115	1,249,646	1,319,646	1,329,355
Domestic Consumption						
Argentina	12,050	13,695	14,232	14,421	15,539	15,534
Brazil	55,803	58,028	60,023	57,993	60,922	60,922
Canada	20,340	22,345	21,295	21,669	22,255	22,495
China	209,671	223,546	229,059	238,995	245,150	245,750
Egypt	12,910	14,122	14,832	15,803	16,008	16,058
European Union	153,341	164,401	162,555	157,490	160,480	160,385
India	35,075	37,600	40,400	39,490	40,850	40,870
Iran	10,520	11,320	12,020	14,120	15,620	15,920
Japan	17,830	17,570	16,903	17,258	17,181	17,181
Mexico	36,195	40,935	42,175	44,415	45,815	45,815
Nigeria	18,700	19,350	18,950	18,150	18,500	18,500
Russia	25,134	28,619	31,139	29,640	30,850	30,850
Saudi Arabia	10,750	11,411	11,905	13,950	14,630	14,630
Turkey	13,005	13,430	13,055	14,425	13,230	13,230
Ukraine	14,661	15,977	15,430	13,865	14,295	14,295
Others	218,848	227,504	240,442	241,650	244,439	246,447
Subtotal	858,973	927,395	960,426	937,575	986,776	991,360
United States	275,537	305,044	311,339	312,665	327,730	327,858
World Total	1,134,510	1,232,439	1,271,765	1,250,240	1,314,506	1,319,218
Ending Stocks						
Brazil	9,560	14,259	8,213	5,616	6,231	6,731
Canada	3,024	4,648	3,334	3,872	3,980	4,147
China	68,386	82,659	102,027	112,336	104,556	107,110
European Union	13,055	15,565	19,106	14,554	11,869	11,887
Iran	4,654	5,094	7,134	7,674	6,514	6,714
Mexico	1,542	3,487	4,832	6,209	6,517	6,194
Saudi Arabia	3,230	3,722	3,361	4,376	3,944	4,127
Others	36,926	47,298	50,440	42,032	41,961	43,254
Subtotal	140,377	176,732	198,447	196,669	185,572	190,164
United States	23,531	34,313	46,948	48,132	64,901	64,774
World Total	163,908	211,045	245,395	244,801	250,473	254,938

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Nov 2016/17	Dec 2016/17
TY Imports						
North America	14,661	15,349	16,648	19,976	19,740	19,240
Central America	2,470	2,923	3,456	3,938	3,725	3,875
Caribbean	2,327	2,330	2,444	2,597	2,585	2,685
South America	11,812	13,182	13,353	14,071	14,270	14,570
European Union - 28	11,778	16,355	9,408	14,261	14,080	13,680
Former Soviet Union - 12	728	807	723	553	655	655
Middle East	25,078	26,614	27,768	29,379	30,580	31,080
North Africa	13,046	19,521	18,230	20,873	20,580	21,030
Sub-Saharan Africa	2,742	3,616	4,569	7,068	7,355	7,405
East Asia	36,176	44,865	56,665	49,588	44,840	44,738
Southeast Asia	7,961	12,814	14,736	15,966	13,675	14,575
Others	1,010	1,335	1,386	1,900	1,636	1,646
Total	129,789	159,711	169,386	180,170	173,721	175,179
Production						
North America	338,637	427,899	431,915	424,797	460,504	461,564
South America	136,025	131,844	136,550	120,789	143,499	146,301
European Union - 28	146,188	159,212	170,854	151,812	151,963	152,393
Other Europe	6,567	8,864	10,736	8,976	10,023	10,023
Former Soviet Union - 12	68,222	87,758	91,599	82,121	90,426	91,426
Middle East	18,632	21,630	17,819	23,313	19,903	19,903
North Africa	10,473	11,560	11,092	12,497	9,815	9,815
Sub-Saharan Africa	103,567	102,631	109,419	94,759	104,295	104,238
East Asia	214,616	227,797	225,528	234,475	226,349	230,003
South Asia	47,642	51,986	51,822	46,597	51,088	51,088
Southeast Asia	29,005	30,616	30,945	31,948	32,173	32,773
Oceania	12,082	12,805	13,273	13,144	14,904	15,124
Others	4,845	4,974	4,563	4,418	4,704	4,704
Total	1,136,501	1,279,576	1,306,115	1,249,646	1,319,646	1,329,355
Domestic Consumption						
North America	332,072	368,324	374,809	378,749	395,800	396,168
South America	89,796	94,375	96,974	95,770	100,208	100,323
European Union - 28	153,341	164,401	162,555	157,490	160,480	160,385
Other Europe	7,098	7,751	8,117	8,361	8,307	8,307
Former Soviet Union - 12	50,225	55,686	58,148	54,616	56,761	56,761
Middle East	42,852	45,753	45,586	51,331	52,437	52,687
North Africa	25,171	28,059	30,230	32,391	31,868	32,013
Sub-Saharan Africa	103,253	102,361	109,819	103,316	105,751	105,741
East Asia	242,831	257,690	262,947	273,336	279,157	280,105
South Asia	42,704	46,165	49,329	48,985	50,394	50,424
Southeast Asia	35,387	38,543	41,133	44,089	44,716	45,866
Oceania	6,107	5,764	5,846	6,659	6,649	6,769
Others	9,533	10,025	10,261	10,906	10,966	11,191
Total	1,140,370	1,224,897	1,255,754	1,265,999	1,303,494	1,306,740
Ending Stocks						
North America	28,097	42,448	55,114	58,213	75,398	75,115
South America	15,559	21,435	14,445	11,202	12,151	12,780
European Union - 28	13,055	15,565	19,106	14,554	11,869	11,887
Other Europe	618	750	1,069	865	1,238	1,218
Former Soviet Union - 12	4,983	7,029	7,435	4,235	5,617	5,810
Middle East	9,933	11,721	12,634	14,469	12,324	12,595
North Africa	3,584	5,629	5,443	5,884	4,328	4,606
Sub-Saharan Africa	9,049	9,542	12,319	8,496	9,242	9,243
East Asia	71,687	86,671	105,900	116,603	108,567	111,209
South Asia	2,404	4,093	5,289	3,056	3,566	3,631
Southeast Asia	3,259	4,114	4,040	4,758	3,110	3,705
Oceania	902	1,115	1,624	1,493	2,020	2,118
Others	778	933	977	973	1,043	1,021
Total	163,908	211,045	245,395	244,801	250,473	254,938

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 Nov	2016/17 Dec
TY Exports						
Argentina	22,789	12,846	18,448	21,672	25,500	25,500
Brazil	26,044	22,041	21,909	35,382	21,000	22,000
Burma	750	1,100	1,250	1,000	950	1,100
European Union	2,194	2,404	4,027	1,949	1,700	1,800
Mexico	522	501	784	1,350	800	800
Paraguay	2,858	2,714	3,012	2,661	2,300	2,300
Russia	1,917	4,194	3,213	4,691	4,700	5,300
Serbia	578	1,780	2,964	1,513	2,200	2,200
South Africa	2,398	2,104	746	759	1,300	1,300
Ukraine	12,726	20,004	19,661	16,595	18,000	18,000
Others	9,708	10,451	5,582	6,016	4,760	4,860
Subtotal	82,484	80,139	81,596	93,588	83,210	85,160
United States	18,262	50,691	46,831	51,198	56,500	56,500
World Total	100,746	130,830	128,427	144,786	139,710	141,660
TY Imports						
Algeria	2,918	4,156	4,116	4,329	4,300	4,500
Brazil	869	846	534	1,566	1,100	1,100
Chile	844	1,456	1,516	1,600	1,800	1,800
China	2,702	3,277	5,516	3,174	3,000	3,000
Colombia	3,266	4,436	4,496	4,458	4,500	4,800
Dominican Republic	1,046	1,011	1,202	1,351	1,250	1,350
Egypt	5,059	8,726	7,841	8,776	8,750	9,000
European Union	11,362	16,014	8,908	13,768	13,500	13,100
Indonesia	2,719	3,513	3,381	1,778	2,000	1,700
Iran	3,700	5,500	6,100	6,600	6,500	7,000
Israel	1,224	1,652	1,296	1,152	1,500	1,500
Japan	14,411	15,121	14,657	15,194	15,000	15,000
Korea, South	8,174	10,406	10,168	10,121	9,800	9,800
Malaysia	3,048	3,485	3,238	4,134	3,600	3,800
Mexico	5,676	10,949	11,341	14,011	13,800	13,800
Morocco	1,684	2,349	1,941	2,224	2,300	2,300
Peru	2,254	2,232	2,741	2,954	2,900	2,900
Saudi Arabia	2,063	2,684	2,904	3,583	3,700	3,700
South Africa	0	79	469	2,579	2,500	2,500
Taiwan	4,241	4,179	3,810	4,656	4,200	4,600
Tunisia	846	993	1,042	1,017	1,200	1,200
Turkey	1,656	1,381	2,377	567	1,500	1,500
Venezuela	2,154	2,626	2,433	1,800	2,200	2,200
Vietnam	1,600	4,300	6,700	8,600	6,500	7,500
Zimbabwe	700	600	700	800	1,400	1,400
Others	10,649	13,990	15,462	16,076	16,500	16,150
Subtotal	94,865	125,961	124,889	136,868	135,300	137,200
Unaccounted	1,616	4,142	2,729	6,139	3,160	3,210
United States	4,265	727	809	1,779	1,250	1,250
World Total	100,746	130,830	128,427	144,786	139,710	141,660

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 Nov	2016/17 Dec
Production						
Argentina	27,000	26,000	28,700	29,000	36,500	36,500
Brazil	81,500	80,000	85,000	67,000	83,500	86,500
Canada	13,060	14,194	11,487	13,559	12,500	13,200
China	205,614	218,489	215,646	224,632	216,000	219,554
Ethiopia	6,158	6,492	7,235	5,050	6,300	6,300
European Union	59,142	64,931	75,840	58,480	60,279	60,704
India	22,258	24,259	24,170	21,800	24,500	24,500
Indonesia	8,500	9,100	9,000	10,500	9,600	10,200
Mexico	21,591	22,880	25,480	25,800	24,500	24,500
Nigeria	7,630	7,700	7,515	7,000	7,200	7,200
Philippines	7,261	7,532	7,671	7,500	7,900	7,900
Russia	8,213	11,635	11,325	13,168	14,500	15,500
Serbia	3,750	5,900	7,700	6,000	7,000	7,000
South Africa	12,365	14,925	10,629	7,900	13,000	13,000
Ukraine	20,922	30,900	28,450	23,333	27,000	27,000
Others	91,481	94,170	97,070	94,875	93,501	93,421
Subtotal	596,445	639,107	652,918	615,597	643,780	652,979
United States	273,192	351,272	361,091	345,486	386,748	386,748
World Total	869,637	990,379	1,014,009	961,083	1,030,528	1,039,727
Total Consumption						
Argentina	7,900	8,800	9,300	9,300	10,500	10,500
Brazil	52,500	55,000	57,000	55,300	58,000	58,000
Canada	11,604	12,675	12,820	12,787	13,300	13,300
China	200,000	208,000	202,000	217,500	226,000	227,000
Egypt	12,000	13,200	13,900	14,850	15,050	15,100
European Union	69,846	76,796	77,880	73,200	73,800	73,700
India	17,500	19,600	22,300	22,650	23,300	23,300
Indonesia	10,900	11,900	12,200	12,100	11,600	12,500
Iran	6,200	6,800	7,400	8,800	10,000	10,300
Japan	14,300	15,000	14,600	15,200	15,100	15,100
Korea, South	8,481	9,891	10,250	10,123	9,900	9,900
Mexico	27,000	31,700	34,550	37,100	37,500	37,500
Russia	6,400	7,500	8,100	8,700	9,600	9,600
South Africa	11,000	11,500	11,650	11,200	11,300	11,300
Vietnam	6,200	7,700	9,400	12,000	12,000	12,400
Others	144,087	153,268	158,348	158,379	160,056	160,646
Subtotal	601,597	655,797	678,728	661,565	707,144	711,834
United States	262,973	292,958	301,792	298,831	314,593	314,593
World Total	864,570	948,755	980,520	960,396	1,021,737	1,026,427
Ending Stocks						
Argentina	1,308	1,408	1,848	1,053	2,058	2,058
Brazil	9,150	13,972	7,842	5,342	5,942	6,442
China	67,579	81,323	100,472	110,774	103,754	106,308
Egypt	1,076	2,398	2,295	2,211	1,825	2,101
European Union	5,146	6,891	9,732	6,831	5,117	5,135
Iran	3,236	4,476	5,716	6,056	5,096	5,296
Mexico	975	2,603	4,090	5,451	5,818	5,451
Others	23,817	30,407	32,290	27,087	27,529	28,407
Subtotal	112,287	143,478	164,285	164,805	157,139	161,198
United States	20,859	31,292	43,974	44,141	61,048	61,048
World Total	133,146	174,770	208,259	208,946	218,187	222,246

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Nov 2016/17	Dec 2016/17
TY Imports						
North America	10,433	12,354	13,686	16,739	16,550	16,050
Central America	2,470	2,922	3,456	3,938	3,725	3,875
South America	9,651	12,027	12,040	12,633	13,000	13,300
European Union - 28	11,362	16,014	8,908	13,768	13,500	13,100
Former Soviet Union - 12	322	448	491	359	420	420
Middle East	10,944	13,812	15,237	14,916	15,975	16,475
North Africa	11,154	17,036	15,624	16,927	17,250	17,700
Sub-Saharan Africa	2,092	2,941	3,776	6,289	6,670	6,670
East Asia	29,681	33,057	34,208	33,198	32,080	32,480
Southeast Asia	7,943	12,768	14,722	15,951	13,660	14,560
Caribbean	2,327	2,330	2,444	2,597	2,585	2,685
Others	751	979	1,106	1,332	1,135	1,135
Total	99,130	126,688	125,698	138,647	136,550	138,450
Production						
North America	307,843	388,346	398,058	384,845	423,748	424,448
South America	120,997	117,456	124,922	107,559	130,894	133,794
European Union - 28	59,142	64,931	75,840	58,480	60,279	60,704
Other Europe	4,912	7,222	8,963	7,191	8,229	8,229
Former Soviet Union - 12	32,310	46,916	43,801	39,845	45,560	46,560
Middle East	7,493	8,173	7,769	9,159	8,439	8,439
North Africa	5,919	5,898	6,161	6,201	6,201	6,201
Sub-Saharan Africa	60,555	63,519	63,151	55,331	59,883	59,883
East Asia	207,737	220,582	218,095	226,983	218,354	221,908
South Asia	28,857	31,865	31,740	29,170	32,070	32,070
Central America	3,755	3,817	3,416	3,300	3,560	3,560
Southeast Asia	28,740	30,334	30,651	31,653	31,883	32,483
Others	1,377	1,320	1,442	1,366	1,428	1,448
Total	869,637	990,379	1,014,009	961,083	1,030,528	1,039,727
Domestic Consumption						
North America	301,577	337,333	349,162	348,718	365,393	365,393
South America	78,981	83,551	86,376	85,051	89,185	89,285
European Union - 28	69,846	76,796	77,880	73,200	73,800	73,700
Other Europe	5,194	5,847	6,147	6,422	6,320	6,320
Former Soviet Union - 12	18,080	21,130	21,482	20,395	21,865	21,865
Middle East	18,710	19,785	21,710	23,795	25,430	25,680
North Africa	18,450	20,800	22,100	23,140	23,875	24,020
Sub-Saharan Africa	60,039	62,444	63,901	62,183	61,031	61,031
East Asia	229,234	239,185	233,237	249,453	257,605	258,955
South Asia	23,980	26,982	30,007	30,720	31,470	31,470
Southeast Asia	35,109	38,254	40,799	43,784	44,410	45,560
Central America	6,175	6,600	6,710	7,175	7,225	7,350
Others	3,516	3,581	3,979	3,984	3,990	4,110
Total	868,891	942,288	963,490	978,020	1,011,599	1,014,739
Ending Stocks						
North America	23,383	35,495	49,466	51,041	68,356	68,048
South America	13,628	19,022	12,385	9,041	10,419	10,970
European Union - 28	5,146	6,891	9,732	6,831	5,117	5,135
Other Europe	371	504	852	716	1,085	1,065
Former Soviet Union - 12	1,948	3,368	3,023	1,426	2,652	2,846
Middle East	4,108	5,872	7,067	7,175	6,182	6,264
North Africa	1,771	3,117	3,306	3,037	2,570	2,908
Sub-Saharan Africa	6,589	7,534	9,487	6,765	7,331	7,327
East Asia	70,387	84,864	103,922	114,648	107,419	110,061
South Asia	1,744	3,005	3,935	2,465	2,840	2,835
Southeast Asia	3,254	4,108	4,034	4,752	3,110	3,705
Central America	487	597	600	627	707	692
Others	330	393	450	422	399	390
Total	133,146	174,770	208,259	208,946	218,187	222,246

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 Nov	2016/17 Dec
TY Exports						
Argentina	3,647	2,829	1,599	2,836	2,200	2,000
Australia	4,622	6,261	5,266	5,400	6,700	7,000
Canada	1,316	1,714	1,386	1,146	1,600	1,600
European Union	6,501	4,926	10,642	8,603	6,200	6,200
India	546	546	97	10	100	70
Kazakhstan	151	501	476	776	700	700
Russia	2,366	2,791	5,807	3,738	4,000	4,000
Serbia	26	18	37	40	60	60
Ukraine	2,659	3,827	4,332	4,673	5,000	5,000
Uruguay	107	36	43	44	50	50
Others	58	42	123	63	75	75
Subtotal	21,999	23,491	29,808	27,329	26,685	26,755
United States	163	336	291	161	260	200
World Total	22,162	23,827	30,099	27,490	26,945	26,955
TY Imports						
Algeria	364	778	723	864	900	900
Brazil	369	337	489	551	450	450
China	2,183	4,891	9,859	5,869	5,000	5,000
Colombia	232	253	249	301	285	285
Egypt	37	46	98	72	100	100
European Union	53	58	269	315	350	350
Iran	1,100	1,100	1,900	1,700	1,600	1,600
Israel	244	304	278	321	275	275
Japan	1,356	1,294	1,097	1,154	1,100	1,100
Jordan	831	997	759	902	800	800
Kuwait	388	436	412	247	400	400
Libya	573	681	1,001	1,324	800	800
Mexico	47	108	184	132	175	175
Morocco	148	471	276	958	900	900
Peru	103	87	122	98	110	110
Saudi Arabia	10,200	8,500	8,200	10,400	10,500	10,500
Syria	300	100	100	100	200	200
Tunisia	762	456	483	696	600	600
Turkey	266	596	332	146	300	300
United Arab Emirates	541	468	394	467	400	400
Others	1,112	1,077	1,241	1,070	1,066	1,076
Subtotal	21,209	23,038	28,466	27,687	26,311	26,321
Unaccounted	522	266	1,203	-547	234	234
United States	431	523	430	350	400	400
World Total	22,162	23,827	30,099	27,490	26,945	26,955

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 Nov	2016/17 Dec
Production						
Argentina	5,000	4,750	2,900	4,940	3,650	3,340
Australia	7,472	9,174	8,646	8,593	9,900	10,600
Belarus	1,917	1,674	1,988	1,849	2,100	2,100
Canada	8,012	10,237	7,119	8,226	8,500	8,800
China	1,626	1,700	1,810	1,800	2,000	2,000
Ethiopia	1,782	1,908	1,953	1,950	2,050	2,050
European Union	54,875	59,674	60,658	61,517	59,744	59,749
India	1,619	1,752	1,831	1,613	1,510	1,510
Iran	2,770	2,800	3,200	3,800	3,800	3,800
Iraq	500	944	1,000	1,050	1,100	1,100
Kazakhstan	1,500	2,539	2,412	2,675	2,700	2,700
Morocco	1,201	2,723	1,700	3,500	1,076	1,076
Russia	13,952	15,389	20,026	17,083	18,000	18,000
Turkey	5,500	7,300	4,000	7,400	4,750	4,750
Ukraine	6,935	7,561	9,450	8,751	9,800	9,800
Others	9,675	9,448	9,150	9,155	8,988	9,023
Subtotal	124,336	139,573	137,843	143,902	139,668	140,398
United States	4,768	4,719	3,953	4,750	4,339	4,339
World Total	129,104	144,292	141,796	148,652	144,007	144,737
Total Consumption						
Algeria	2,000	2,050	2,050	2,150	2,050	2,050
Australia	3,000	2,800	3,000	3,300	3,000	3,100
Belarus	2,000	1,800	2,000	1,850	2,100	2,100
Canada	6,811	7,718	6,471	6,968	6,965	7,165
China	4,000	6,300	11,600	7,900	7,100	7,100
Ethiopia	1,725	1,925	1,975	1,990	2,025	2,025
European Union	51,000	53,400	50,900	51,700	54,100	54,105
India	1,525	1,200	1,400	1,520	1,550	1,570
Iran	4,300	4,500	4,600	5,300	5,600	5,600
Kazakhstan	1,375	2,000	2,000	2,000	2,000	2,000
Morocco	1,900	2,300	2,700	3,450	2,800	2,800
Russia	12,100	12,700	14,100	13,600	13,900	13,900
Saudi Arabia	8,325	8,625	8,525	10,225	10,725	10,725
Turkey	6,200	6,950	5,350	6,900	5,500	5,500
Ukraine	5,100	5,000	4,700	4,700	4,900	4,900
Others	15,754	17,047	16,865	17,737	17,089	17,119
Subtotal	126,663	136,093	137,331	143,238	141,619	141,963
United States	4,638	4,775	4,235	4,406	4,637	4,638
World Total	131,301	140,868	141,566	147,644	146,256	146,601
Ending Stocks						
Algeria	1,217	1,178	1,304	1,290	1,204	1,140
Australia	536	693	1,120	1,013	1,413	1,513
Canada	983	1,950	1,217	1,443	1,564	1,653
European Union	5,044	5,621	5,920	5,243	5,037	5,037
Iran	1,418	618	1,418	1,618	1,418	1,418
Russia	726	904	1,533	836	986	986
Saudi Arabia	3,003	3,389	3,074	4,059	3,644	3,844
Others	5,761	7,718	6,795	7,375	5,546	5,503
Subtotal	18,688	22,071	22,381	22,877	20,812	21,094
United States	1,750	1,791	1,711	2,223	2,142	2,142
World Total	20,438	23,862	24,092	25,100	22,954	23,236

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Nov 2016/17	Dec 2016/17
TY Imports						
North America	499	640	779	613	650	650
South America	1,064	886	1,169	1,157	980	980
European Union - 28	53	58	269	315	350	350
Other Europe	126	163	120	84	155	155
Former Soviet Union - 12	378	352	226	169	230	230
Middle East	13,906	12,537	12,480	14,415	14,555	14,555
North Africa	1,884	2,432	2,581	3,914	3,300	3,300
Sub-Saharan Africa	52	116	138	40	120	120
East Asia	3,668	6,320	11,080	7,136	6,225	6,225
South Asia	2	11	22	187	121	131
Oceania	8	46	32	7	25	25
Total	21,640	23,561	28,896	28,037	26,711	26,721
Production						
North America	13,812	15,550	11,918	13,728	13,574	13,874
South America	5,884	5,737	3,769	5,929	4,955	4,662
European Union - 28	54,875	59,674	60,658	61,517	59,744	59,749
Other Europe	1,188	1,187	1,286	1,299	1,307	1,307
Former Soviet Union - 12	25,958	29,162	35,565	32,230	34,500	34,500
Middle East	9,686	12,043	8,653	12,858	10,068	10,068
North Africa	3,631	4,739	3,975	5,375	2,684	2,684
Sub-Saharan Africa	2,283	2,357	2,446	2,482	2,542	2,560
East Asia	1,920	1,991	2,134	2,088	2,291	2,291
South Asia	1,956	2,261	2,340	2,116	2,042	2,042
Oceania	7,911	9,591	9,052	9,030	10,300	11,000
Total	129,104	144,292	141,796	148,652	144,007	144,737
Domestic Consumption						
North America	12,349	13,243	11,556	12,299	12,527	12,728
South America	3,152	3,528	3,398	3,868	3,693	3,713
European Union - 28	51,000	53,400	50,900	51,700	54,100	54,105
Other Europe	1,298	1,334	1,404	1,384	1,404	1,404
Former Soviet Union - 12	22,339	23,460	24,724	24,093	24,890	24,890
Middle East	22,435	24,410	22,277	26,170	25,566	25,566
North Africa	5,790	6,282	7,182	8,303	7,038	7,038
Sub-Saharan Africa	2,285	2,461	2,495	2,595	2,640	2,640
East Asia	5,812	8,009	13,162	9,481	8,660	8,660
South Asia	1,868	1,713	1,923	2,053	2,098	2,128
Oceania	3,425	3,250	3,450	3,750	3,425	3,525
Total	131,753	141,090	142,471	145,696	146,041	146,397
Ending Stocks						
North America	3,014	3,974	3,326	4,069	4,091	4,183
South America	657	816	716	988	989	867
European Union - 28	5,044	5,621	5,920	5,243	5,037	5,037
Other Europe	220	205	179	122	122	122
Former Soviet Union - 12	2,194	2,605	3,406	2,123	2,196	2,193
Middle East	5,733	5,781	5,508	7,249	6,092	6,281
North Africa	1,785	2,489	2,089	2,794	1,700	1,640
Sub-Saharan Africa	330	338	425	348	372	388
East Asia	736	1,038	1,090	833	689	689
South Asia	137	247	259	271	206	276
Oceania	588	748	1,174	1,060	1,460	1,560
Total	20,438	23,862	24,092	25,100	22,954	23,236

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 Nov	2016/17 Dec
TY Exports						
Argentina	3,059	953	954	772	800	800
Australia	1,430	410	1,700	1,000	900	400
Brazil	2	11	13	30	25	25
Ethiopia	75	75	75	25	25	25
India	231	88	121	85	50	50
Nigeria	50	50	100	50	100	100
Ukraine	124	229	156	120	150	150
Others	191	218	195	140	125	125
Subtotal	5,162	2,034	3,314	2,222	2,175	1,675
United States	2,136	5,714	9,269	7,895	6,300	6,300
World Total	7,298	7,748	12,583	10,117	8,475	7,975
TY Imports						
Chile	404	109	98	134	150	150
China	631	4,161	10,162	8,284	5,500	5,000
Colombia	591	104	0	64	50	50
European Union	291	184	131	119	150	150
Japan	1,897	1,003	903	649	700	700
Kenya	102	94	117	105	100	100
Mexico	1,793	162	29	661	700	700
Pakistan	10	14	32	231	100	100
South Africa	44	61	86	150	50	100
Sudan	175	75	120	200	100	100
Others	678	774	417	418	420	420
Subtotal	6,616	6,741	12,095	11,015	8,020	7,570
Unaccounted	439	1,004	461	-996	430	380
United States	243	3	27	98	25	25
World Total	7,298	7,748	12,583	10,117	8,475	7,975

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 Nov	2016/17 Dec
Production						
Argentina	4,700	4,400	3,500	3,375	3,400	3,600
Australia	2,230	1,282	2,209	2,037	2,200	1,500
Brazil	2,102	1,890	2,055	1,080	1,530	1,530
Burkina	1,924	1,880	1,708	1,436	1,900	1,900
Cameroon	1,100	1,150	1,150	1,150	1,150	1,150
Chad	1,172	745	897	835	900	900
China	2,556	2,892	2,885	3,000	3,200	3,300
Ethiopia	3,604	3,829	4,339	2,600	3,700	3,700
India	5,281	5,542	5,445	4,410	5,500	5,500
Mali	1,212	820	1,272	1,300	1,300	1,300
Mexico	6,174	8,500	6,270	5,550	6,500	6,500
Niger	1,376	1,320	1,426	1,917	1,300	1,300
Nigeria	5,943	6,592	6,700	6,150	6,500	6,500
South Sudan	650	720	990	900	900	900
Sudan	4,524	2,249	6,281	2,388	5,500	5,500
Others	6,615	7,064	7,305	6,876	6,975	6,900
Subtotal	51,163	50,875	54,432	45,004	52,455	51,980
United States	6,293	9,966	10,988	15,158	11,740	11,740
World Total	57,456	60,841	65,420	60,162	64,195	63,720
Total Consumption						
Argentina	2,300	2,700	2,800	2,800	2,950	2,950
Australia	1,080	905	505	1,105	1,205	1,105
Brazil	2,300	2,000	2,000	1,150	1,500	1,500
Burkina	1,850	1,900	1,700	1,465	1,800	1,800
Cameroon	1,110	1,165	1,175	1,175	1,175	1,175
Chad	1,150	850	900	865	900	900
China	3,200	6,800	12,900	11,000	9,300	8,900
Ethiopia	3,700	3,900	4,100	3,100	3,650	3,650
India	5,150	5,200	5,100	4,820	5,350	5,350
Mali	1,200	950	1,200	1,300	1,300	1,300
Mexico	8,100	8,300	6,600	6,200	7,200	7,200
Niger	1,200	1,300	1,450	1,820	1,450	1,450
Nigeria	5,900	6,550	6,650	6,050	6,400	6,400
South Sudan	650	790	1,050	950	970	960
Sudan	4,700	2,550	6,000	3,100	5,500	5,500
Others	10,077	8,570	8,766	8,383	8,230	8,230
Subtotal	52,472	55,507	62,775	54,967	59,485	58,900
United States	4,796	4,130	2,459	6,212	5,335	5,462
World Total	57,268	59,637	65,234	61,179	64,820	64,362
Ending Stocks						
Argentina	781	1,202	971	846	396	596
China	326	568	706	967	357	357
India	109	364	588	93	193	193
Mexico	285	647	338	349	308	349
Niger	225	270	271	393	268	268
Nigeria	208	200	150	200	200	200
Sudan	588	357	743	226	321	321
Others	1,837	1,476	1,899	1,112	1,418	1,307
Subtotal	4,359	5,084	5,666	4,186	3,461	3,591
United States	385	864	468	931	1,011	884
World Total	4,744	5,948	6,134	5,117	4,472	4,475

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Nov 2016/17	Dec 2016/17
TY Imports						
North America	2,036	165	56	759	725	725
South America	1,071	240	114	236	260	260
European Union - 28	291	184	131	119	150	150
Other Europe	0	0	0	0	0	0
Middle East	194	232	23	33	20	20
North Africa	1	41	1	1	5	5
Sub-Saharan Africa	587	540	609	708	515	565
East Asia	2,650	5,281	11,142	9,011	6,255	5,755
Southeast Asia	18	46	14	15	15	15
Others	11	15	32	231	100	100
Total	6,859	6,744	12,122	11,113	8,045	7,595
Production						
North America	12,467	18,466	17,258	20,708	18,240	18,240
Central America	339	335	335	335	335	335
Caribbean	92	94	92	92	91	91
South America	7,495	7,081	6,404	5,297	5,742	5,942
European Union - 28	473	703	887	731	744	744
Middle East	667	634	691	535	635	635
North Africa	757	767	809	755	755	755
Sub-Saharan Africa	24,708	22,512	28,021	21,869	26,346	26,271
East Asia	2,560	2,895	2,887	3,002	3,202	3,302
South Asia	5,404	5,661	5,548	4,555	5,630	5,630
Southeast Asia	55	57	55	55	50	50
Oceania	2,230	1,282	2,209	2,037	2,200	1,500
Others	209	354	224	191	225	225
Total	57,456	60,841	65,420	60,162	64,195	63,720
Domestic Consumption						
North America	12,896	12,430	9,059	12,412	12,535	12,662
Central America	325	325	330	340	335	335
Caribbean	92	94	92	92	91	91
South America	6,076	5,757	5,785	4,952	5,477	5,477
European Union - 28	795	880	995	860	880	880
Middle East	877	755	845	590	650	650
North Africa	756	813	785	755	755	755
Sub-Saharan Africa	24,914	23,177	27,643	23,339	26,506	26,496
East Asia	5,221	7,951	13,911	11,734	10,060	9,660
South Asia	5,283	5,334	5,235	5,176	5,580	5,580
Southeast Asia	68	64	95	65	66	66
Oceania	1,080	905	505	1,105	1,205	1,105
Others	80	75	75	75	75	75
Total	58,463	58,560	65,355	61,495	64,215	63,832
Ending Stocks						
North America	670	1,511	806	1,280	1,319	1,233
Central America	30	33	38	28	23	23
South America	1,146	1,468	1,238	1,023	593	793
European Union - 28	5	18	27	13	22	22
Middle East	61	27	39	25	30	30
North Africa	27	22	47	52	57	57
Sub-Saharan Africa	2,073	1,630	2,300	1,367	1,523	1,512
East Asia	413	627	736	993	380	380
South Asia	109	364	588	93	193	193
Oceania	185	172	246	178	273	173
Others	25	76	69	65	59	59
Total	4,744	5,948	6,134	5,117	4,472	4,475

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 Nov	2016/17 Dec
TY Exports						
Argentina	2	2	2	5	5	5
Australia	240	270	270	225	300	300
Canada	1,351	1,732	1,729	1,666	1,500	1,500
Chile	41	49	84	75	75	75
European Union	126	291	231	220	200	200
Russia	4	6	14	16	10	10
Ukraine	2	6	46	48	50	50
Others	10	14	8	10	10	10
Subtotal	1,776	2,370	2,384	2,265	2,150	2,150
United States	18	29	29	35	30	30
World Total	1,794	2,399	2,413	2,300	2,180	2,180
TY Imports						
Albania	0	0	3	0	5	5
Algeria	7	12	24	31	25	25
Bosnia and Herzegovina	2	3	4	4	5	5
Canada	9	27	12	10	15	15
China	87	116	162	172	200	200
Colombia	1	2	2	1	5	5
Ecuador	19	21	21	38	20	20
European Union	4	3	4	9	5	5
Japan	51	46	47	50	50	50
Mexico	108	93	86	100	100	100
Norway	36	38	4	7	10	10
Serbia	2	2	2	1	5	5
South Africa	11	19	46	31	50	50
Switzerland	44	51	49	42	50	50
Turkey	0	0	4	0	5	5
Others	6	8	8	10	5	5
Subtotal	387	441	478	506	555	555
Unaccounted	52	92	168	256	125	125
United States	1,355	1,866	1,767	1,538	1,500	1,500
World Total	1,794	2,399	2,413	2,300	2,180	2,180

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 Nov	2016/17 Dec
Production						
Algeria	110	110	110	110	110	110
Argentina	496	445	525	553	500	500
Australia	1,121	1,255	1,198	1,308	1,600	1,800
Belarus	422	352	522	492	400	400
Brazil	361	380	351	783	650	650
Canada	2,830	3,906	2,979	3,428	3,000	3,000
Chile	680	610	421	533	600	600
China	600	580	600	600	600	600
European Union	7,909	8,380	7,832	7,503	7,807	7,807
Kazakhstan	200	305	226	244	275	275
Mexico	84	91	93	87	90	90
Norway	232	214	236	236	240	240
Russia	4,027	4,932	5,267	4,527	4,700	4,700
Turkey	210	210	210	210	210	210
Ukraine	630	467	610	498	500	500
Others	315	319	298	331	334	334
Subtotal	20,227	22,556	21,478	21,443	21,616	21,816
United States	892	938	1,019	1,300	940	940
World Total	21,119	23,494	22,497	22,743	22,556	22,756
Total Consumption						
Algeria	119	118	126	137	135	135
Argentina	500	425	525	550	500	500
Australia	925	950	950	1,025	1,250	1,350
Belarus	400	375	500	500	400	400
Brazil	350	375	345	765	640	640
Canada	1,592	1,660	1,681	1,616	1,650	1,650
Chile	600	570	355	425	525	525
China	675	700	750	795	850	850
European Union	7,700	8,075	7,730	7,480	7,700	7,700
Kazakhstan	225	275	225	245	270	270
Mexico	195	185	175	190	190	190
Norway	295	245	245	245	250	250
Russia	4,300	4,900	5,200	4,600	4,600	4,600
Turkey	215	215	215	210	215	215
Ukraine	600	475	600	450	450	450
Others	451	492	473	493	524	524
Subtotal	19,217	20,255	20,092	19,955	20,222	20,322
United States	2,743	2,757	2,447	2,701	2,611	2,611
World Total	21,960	23,012	22,539	22,656	22,833	22,933
Ending Stocks						
Argentina	49	67	65	63	58	58
Australia	60	105	93	151	201	301
Canada	446	1,054	673	928	795	793
Chile	61	45	27	60	60	60
China	139	135	147	124	74	74
European Union	901	894	781	600	512	512
Russia	203	230	289	199	287	289
Others	222	201	193	185	195	195
Subtotal	2,081	2,731	2,268	2,310	2,182	2,282
United States	527	359	780	825	676	676
World Total	2,608	3,090	3,048	3,135	2,858	2,958

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Nov 2016/17	Dec 2016/17
TY Imports						
North America	1,472	1,986	1,865	1,648	1,615	1,615
South America	26	29	30	45	30	30
European Union - 28	4	3	4	9	5	5
Other Europe	84	94	62	54	75	75
Former Soviet Union - 12	0	2	1	4	0	0
Middle East	0	0	4	0	5	5
North Africa	7	12	24	31	25	25
Sub-Saharan Africa	11	19	46	31	50	50
East Asia	138	162	209	222	250	250
Oceania	0	0	0	0	0	0
Total	1,742	2,307	2,245	2,044	2,055	2,055
Production						
North America	3,806	4,935	4,091	4,815	4,030	4,030
South America	1,577	1,478	1,325	1,910	1,792	1,792
European Union - 28	7,909	8,380	7,832	7,503	7,807	7,807
Other Europe	365	349	371	374	375	375
Former Soviet Union - 12	5,285	6,062	6,631	5,767	5,881	5,881
Middle East	210	210	210	210	210	210
North Africa	166	156	147	166	175	175
Sub-Saharan Africa	60	59	55	55	55	55
East Asia	602	582	602	601	601	601
Oceania	1,139	1,283	1,233	1,342	1,630	1,830
Total	21,119	23,494	22,497	22,743	22,556	22,756
Domestic Consumption						
North America	4,530	4,602	4,303	4,507	4,451	4,451
South America	1,515	1,447	1,285	1,805	1,737	1,737
European Union - 28	7,700	8,075	7,730	7,480	7,700	7,700
Other Europe	474	435	436	439	446	446
Former Soviet Union - 12	5,531	6,031	6,531	5,801	5,726	5,726
Middle East	215	215	215	210	215	215
North Africa	175	164	163	193	200	200
Sub-Saharan Africa	72	95	94	88	105	105
East Asia	730	750	800	845	900	900
Oceania	943	978	985	1,059	1,280	1,380
Total	21,885	22,792	22,542	22,427	22,760	22,860
Ending Stocks						
North America	974	1,417	1,459	1,759	1,477	1,475
South America	128	129	106	150	150	150
European Union - 28	901	894	781	600	512	512
Other Europe	27	41	38	27	31	31
Former Soviet Union - 12	332	346	397	298	386	388
Middle East	13	8	6	6	6	6
North Africa	1	1	1	1	1	1
Sub-Saharan Africa	28	11	18	16	16	16
East Asia	144	138	149	127	78	78
Oceania	60	105	93	151	201	301
Total	2,608	3,090	3,048	3,135	2,858	2,958

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 Nov	2016/17 Dec
TY Exports						
Belarus	25	5	5	5	5	5
Canada	178	97	89	111	150	150
European Union	122	201	167	160	150	150
Russia	79	83	121	23	50	50
Ukraine	16	59	13	21	10	10
Others	1	1	1	0	0	0
Subtotal	421	446	396	320	365	365
United States	7	6	3	6	5	5
World Total	428	452	399	326	370	370
TY Imports						
European Union	68	96	96	50	75	75
Israel	34	33	18	15	25	25
Japan	27	37	22	16	20	20
Korea, South	12	8	4	5	10	8
Norway	18	21	6	2	20	20
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	160	158
Unaccounted	10	41	-26	-3	10	12
United States	221	204	262	217	200	200
World Total	428	452	399	326	370	370

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 Nov	2016/17 Dec
Production						
Argentina	40	52	97	61	75	70
Belarus	1,082	648	867	753	800	800
Canada	337	223	218	226	380	410
European Union	8,763	10,151	8,873	7,835	8,122	8,122
Russia	2,132	3,360	3,279	2,084	2,300	2,300
Turkey	370	365	300	350	350	350
Ukraine	676	638	475	394	375	375
Others	146	128	148	122	137	137
Subtotal	13,546	15,565	14,257	11,825	12,539	12,564
United States	166	194	183	295	342	342
World Total	13,712	15,759	14,440	12,120	12,881	12,906
Total Consumption						
Argentina	40	52	97	61	75	70
Australia	40	19	19	22	25	25
Belarus	1,000	650	850	800	800	800
Canada	127	107	134	118	150	160
European Union	8,700	9,650	8,600	8,100	8,500	8,500
Kazakhstan	50	40	65	37	45	45
Norway	24	33	20	13	32	32
Russia	2,000	3,100	3,250	2,175	2,250	2,250
Turkey	375	350	325	350	350	350
Ukraine	625	625	475	420	370	370
Others	132	142	106	91	116	114
Subtotal	13,146	14,768	13,951	12,191	12,694	12,699
United States	387	424	406	515	554	554
World Total	13,533	15,192	14,357	12,706	13,248	13,253
Ending Stocks						
Belarus	167	160	172	120	115	115
Canada	46	44	42	52	131	152
European Union	795	1,204	1,395	1,020	567	567
Kazakhstan	3	8	4	4	4	4
Russia	153	344	264	130	135	135
Turkey	18	33	14	14	14	14
Ukraine	166	128	106	75	70	70
Others	7	4	3	2	1	1
Subtotal	1,355	1,925	2,000	1,417	1,037	1,058
United States	10	7	15	12	24	24
World Total	1,365	1,932	2,015	1,429	1,061	1,082

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2012/13	2013/14	2014/15	2015/16	Nov 2016/17	Dec 2016/17
TY Imports						
North America	221	204	262	217	200	200
South America	0	0	0	0	0	0
European Union - 28	68	96	96	50	75	75
Other Europe	29	28	12	5	25	25
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	30	28
Oceania	0	0	0	0	0	0
Total	418	411	425	329	360	358
Production						
North America	503	417	401	521	722	752
South America	47	59	105	69	87	82
European Union - 28	8,763	10,151	8,873	7,835	8,122	8,122
Other Europe	46	55	56	52	52	52
Former Soviet Union - 12	3,940	4,689	4,682	3,268	3,520	3,520
Middle East	370	365	300	350	350	350
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	40	20	20	22	25	25
Total	13,712	15,759	14,440	12,120	12,881	12,906
Domestic Consumption						
North America	514	531	540	633	704	714
South America	47	59	105	69	87	82
European Union - 28	8,700	9,650	8,600	8,100	8,500	8,500
Other Europe	76	84	70	56	77	77
Former Soviet Union - 12	3,675	4,415	4,640	3,432	3,465	3,465
Middle East	409	383	343	365	375	375
Sub-Saharan Africa	2	3	3	3	3	3
East Asia	37	48	27	22	31	29
Oceania	40	19	19	22	25	25
Total	13,500	15,192	14,347	12,702	13,267	13,270
Ending Stocks						
North America	56	51	57	64	155	176
South America	0	0	0	0	0	0
European Union - 28	795	1,204	1,395	1,020	567	567
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	489	640	546	329	324	324
Middle East	18	33	14	14	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	7	4	3	2	1	1
Oceania	0	0	0	0	0	0
Total	1,365	1,932	2,015	1,429	1,061	1,082

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 37
China: Grain Supply and Demand 38
Other Europe: Grain Supply and Demand 39
Former Soviet Union: Grain Supply and Demand..... 40
Wheat Supply and Disappearance: Selected Exporters 44
Corn Supply and Disappearance: Selected Exporters..... 46
Barley Supply and Disappearance: Selected Exporters 48
Sorghum Supply and Disappearance: Selected Exporters 49
U.S. Grains: Supply and Distribution……... ……..50
Total Wheat and Coarse Grains: Supply and Demand 51
World Wheat and Coarse Grains: Supply and Demand 52
World Corn and Barley: Supply and Demand 53
World Rice: Supply and Demand 54

European Union: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat								
2005/06	26.0	5.1	132.9	6.8	15.7	63.0	128.2	24.1
2006/07	24.7	5.1	125.7	5.2	13.9	60.2	126.2	14.8
2007/08	24.9	4.9	120.8	6.8	12.4	52.4	117.2	12.8
2008/09	26.8	5.7	151.9	7.7	25.4	60.5	127.6	19.4
2009/10	26.0	5.4	139.7	5.4	22.3	57.5	125.6	16.6
2010/11	26.0	5.3	136.7	4.6	23.1	52.5	122.8	11.9
2011/12	25.8	5.3	138.2	7.4	16.7	57.5	127.2	13.5
2012/13	26.0	5.2	133.9	5.3	22.8	51.0	119.3	10.7
2013/14	25.9	5.6	144.6	4.0	32.0	49.0	117.3	9.9
2014/15	26.7	5.9	156.9	6.0	35.4	55.0	124.7	12.7
2015/16	26.8	6.0	160.0	6.9	34.7	61.0	131.0	14.0
2016/17	27.0	5.3	144.0	6.5	25.0	58.5	129.2	10.3
Coarse Grains								
2005/06	33.2	4.5	149.7	2.7	4.3	112.4	150.9	22.8
2006/07	32.4	4.3	140.3	8.1	4.5	112.9	150.9	15.7
2007/08	32.7	4.2	138.8	20.3	4.5	121.6	157.2	13.1
2008/09	34.1	4.8	165.2	3.1	5.7	116.1	154.5	21.3
2009/10	33.0	4.8	158.0	2.9	3.0	114.8	152.8	26.3
2010/11	30.2	4.7	143.2	8.5	6.2	116.9	155.0	16.9
2011/12	30.2	5.0	150.1	7.0	6.5	113.2	151.7	15.7
2012/13	31.4	4.6	146.2	11.8	7.4	113.7	153.3	13.1
2013/14	31.5	5.1	159.2	16.3	8.6	122.4	164.4	15.6
2014/15	30.8	5.6	170.9	9.2	14.0	121.4	162.6	19.1
2015/16	30.3	5.0	151.8	14.2	13.1	116.6	157.5	14.6
2016/17	30.1	5.1	152.4	13.7	8.4	119.5	160.4	11.9
Wheat and Coarse Grains								
2005/06	59.2	4.8	282.5	9.4	20.0	175.4	279.1	46.9
2006/07	57.1	4.7	265.9	13.2	18.5	173.1	277.1	30.5
2007/08	57.5	4.5	259.6	27.1	16.9	174.1	274.3	25.9
2008/09	60.9	5.2	317.2	10.8	31.1	176.6	282.1	40.7
2009/10	59.0	5.0	297.7	8.2	25.3	172.3	278.4	42.9
2010/11	56.3	5.0	279.9	13.1	29.3	169.4	277.8	28.8
2011/12	56.1	5.1	288.3	14.3	23.3	170.7	278.9	29.3
2012/13	57.4	4.9	280.1	17.1	30.2	164.7	272.6	23.8
2013/14	57.4	5.3	303.8	20.3	40.7	171.4	281.7	25.5
2014/15	57.5	5.7	327.8	15.2	49.4	176.4	287.2	31.8
2015/16	57.1	5.5	311.8	21.2	47.8	177.6	288.5	28.6
2016/17	57.2	5.2	296.4	20.2	33.4	178.0	289.6	22.2

China: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat								
2005/06	22.8	4.3	97.4	1.1	1.4	3.5	101.5	34.5
2006/07	23.6	4.6	108.5	0.4	2.8	4.0	102.0	38.6
2007/08	23.7	4.6	109.3	0.0	2.8	8.0	106.0	39.1
2008/09	23.6	4.8	112.5	0.5	0.7	8.0	105.5	45.8
2009/10	24.3	4.7	115.1	1.4	0.9	10.0	107.0	54.4
2010/11	24.3	4.7	115.2	0.9	0.9	13.0	110.5	59.1
2011/12	24.3	4.8	117.4	2.9	1.0	24.0	122.5	55.9
2012/13	24.3	5.0	121.0	3.0	1.0	25.0	125.0	54.0
2013/14	24.1	5.1	121.9	6.8	0.9	16.0	116.5	65.3
2014/15	24.1	5.2	126.2	1.9	0.8	16.0	116.5	76.1
2015/16	24.1	5.4	130.2	3.5	0.7	10.5	112.0	97.0
2016/17	24.2	5.3	128.9	3.5	0.8	15.0	117.0	111.6
Coarse Grains								
2005/06	28.8	5.1	147.8	2.3	3.8	103.5	147.1	36.9
2006/07	31.1	5.1	159.0	1.2	5.5	105.0	153.5	38.0
2007/08	31.9	5.0	159.2	1.2	0.9	106.7	157.9	39.5
2008/09	32.2	5.4	172.4	1.7	0.2	109.1	161.2	52.2
2009/10	33.4	5.1	169.8	3.8	0.2	119.1	173.3	52.3
2010/11	34.6	5.3	183.8	2.7	0.2	128.8	188.4	50.1
2011/12	35.5	5.6	198.6	7.9	0.1	132.0	196.2	60.4
2012/13	37.1	5.7	212.2	5.6	0.1	146.1	209.7	68.4
2013/14	38.3	5.9	225.4	12.4	0.0	157.8	223.5	82.7
2014/15	39.2	5.7	222.8	25.7	0.0	158.8	229.1	102.0
2015/16	40.2	5.8	231.8	17.5	0.0	166.9	239.0	112.3
2016/17	38.9	5.8	227.4	13.2	0.0	169.6	245.8	107.1
Wheat and Coarse Grains								
2005/06	51.6	4.8	245.3	3.4	5.2	107.0	248.6	71.4
2006/07	54.7	4.9	267.4	1.5	8.2	109.0	255.5	76.6
2007/08	55.6	4.8	268.5	1.2	3.7	114.7	263.9	78.6
2008/09	55.8	5.1	284.9	2.1	0.9	117.1	266.7	98.0
2009/10	57.6	4.9	284.9	5.2	1.1	129.1	280.3	106.7
2010/11	58.9	5.1	299.0	3.6	1.1	141.8	298.9	109.2
2011/12	59.8	5.3	316.0	10.9	1.1	156.0	318.7	116.3
2012/13	61.3	5.4	333.2	8.6	1.1	171.1	334.7	122.3
2013/14	62.4	5.6	347.3	19.2	0.9	173.8	340.0	147.9
2014/15	63.3	5.5	349.0	27.6	0.8	174.8	345.6	178.1
2015/16	64.3	5.6	362.0	21.0	0.8	177.4	351.0	209.4
2016/17	63.1	5.6	356.2	16.7	0.8	184.6	362.8	218.7

Other Europe: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat								
2005/06	1.0	3.8	3.8	1.4	0.2	0.9	5.1	1.1
2006/07	1.0	3.6	3.5	1.5	0.3	0.7	4.6	1.2
2007/08	1.0	3.8	3.7	1.9	0.5	1.0	4.8	1.5
2008/09	0.9	4.4	4.0	1.7	0.4	1.2	5.1	1.7
2009/10	1.0	3.9	3.8	1.7	0.5	1.0	4.9	1.7
2010/11	0.9	3.7	3.2	1.7	0.6	0.8	4.7	1.3
2011/12	0.9	4.2	3.6	1.9	0.5	1.0	4.9	1.4
2012/13	0.9	4.0	3.4	1.6	0.7	1.0	4.7	1.1
2013/14	0.9	4.5	4.1	1.9	1.3	1.1	4.8	0.9
2014/15	1.0	4.0	3.9	1.8	0.7	1.1	4.9	1.1
2015/16	0.9	4.5	4.0	1.8	1.0	1.2	4.9	1.1
2016/17	1.0	4.7	4.6	1.8	1.4	1.4	5.1	1.0
Coarse Grains								
2005/06	2.1	4.8	10.1	0.6	1.3	8.5	9.7	1.3
2006/07	2.0	4.9	9.8	0.8	0.9	8.5	9.6	1.3
2007/08	2.0	3.4	6.9	0.9	0.1	6.8	7.9	1.1
2008/09	2.1	4.6	9.7	0.6	1.5	7.6	8.7	1.1
2009/10	2.0	4.9	9.7	0.7	1.4	7.5	8.7	1.4
2010/11	2.0	5.0	10.0	0.7	2.0	7.3	8.7	1.4
2011/12	2.0	4.6	9.5	0.8	2.3	7.0	8.4	1.0
2012/13	2.1	3.2	6.6	0.7	0.6	5.9	7.1	0.6
2013/14	2.0	4.5	8.9	0.9	1.9	6.4	7.8	0.8
2014/15	1.9	5.8	10.7	0.8	3.1	6.8	8.1	1.1
2015/16	1.8	4.9	9.0	0.8	1.6	7.0	8.4	0.9
2016/17	1.9	5.4	10.0	0.9	2.3	6.9	8.3	1.2
Wheat and Coarse Grains								
2005/06	3.1	4.5	13.9	2.0	1.4	9.4	14.8	2.4
2006/07	3.0	4.5	13.3	2.3	1.2	9.2	14.2	2.5
2007/08	3.0	3.5	10.6	2.7	0.6	7.8	12.6	2.6
2008/09	3.0	4.6	13.7	2.3	1.9	8.8	13.8	2.8
2009/10	3.0	4.5	13.5	2.4	1.9	8.5	13.7	3.2
2010/11	2.9	4.6	13.2	2.4	2.6	8.1	13.4	2.7
2011/12	2.9	4.5	13.1	2.7	2.8	8.1	13.3	2.5
2012/13	2.9	3.4	10.0	2.4	1.3	7.0	11.8	1.7
2013/14	2.9	4.5	13.0	2.7	3.1	7.5	12.6	1.7
2014/15	2.8	5.2	14.7	2.5	3.7	7.9	13.0	2.2
2015/16	2.7	4.8	13.0	2.6	2.5	8.2	13.2	2.0
2016/17	2.8	5.1	14.6	2.7	3.6	8.3	13.4	2.2

Former Soviet Union: Grain Supply and Demand

Wheat and Coarse Grains Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	Imports	Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat								
2010/11	45.8	1.8	81.0	5.5	13.9	24.4	75.6	23.1
2011/12	49.7	2.3	115.0	8.0	39.7	28.4	80.0	26.4
2012/13	44.0	1.8	77.8	7.2	25.5	21.6	71.7	14.3
2013/14	47.7	2.2	103.9	7.5	37.3	22.7	72.8	15.6
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.4	20.5
2015/16	49.1	2.4	118.2	7.4	51.5	26.9	78.2	16.4
2016/17	50.1	2.6	131.4	7.5	53.6	28.3	79.9	21.8
Coarse Grains								
2010/11	21.9	2.2	47.5	1.1	8.8	28.4	41.8	5.5
2011/12	27.0	2.9	78.6	1.0	24.7	38.6	54.4	6.1
2012/13	27.5	2.5	68.2	0.7	19.9	35.6	50.2	5.0
2013/14	29.4	3.0	87.8	0.8	30.8	40.0	55.7	7.0
2014/15	30.2	3.0	91.6	0.8	33.9	42.1	58.1	7.4
2015/16	27.9	2.9	82.1	0.5	31.2	39.5	54.6	4.2
2016/17	28.0	3.3	91.4	0.7	33.7	41.3	56.8	5.8

Former Soviet Union: Grain Supply and Demand (Wheat)

Millions of Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumpti	Ending Stocks
Former Soviet Union - 12								
Kazakhstan								
2013/14	13.0	1.1	13.9	0.0	8.1	2.0	6.8	2.0
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.2
2015/16	11.6	1.2	13.7	0.1	7.6	2.1	6.9	2.6
2016/17	12.0	1.4	16.5	0.1	8.5	2.2	7.0	3.6
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	26.9	2.7	72.0	0.5	29.0	16.0	39.0	10.1
Ukraine								
2013/14	6.6	3.4	22.3	0.1	9.8	3.4	11.5	3.7
2014/15	6.3	3.9	24.8	0.0	11.3	4.0	11.5	5.7
2015/16	7.1	3.8	27.3	0.0	17.4	5.2	12.3	3.2
2016/17	6.5	4.2	27.0	0.0	15.5	4.7	11.8	3.0
Uzbekistan								
2013/14	1.4	4.9	6.8	2.2	0.3	1.9	8.4	1.9
2014/15	1.4	5.1	7.2	2.2	0.2	2.2	8.9	2.2
2015/16	1.4	5.1	7.2	2.7	0.2	2.3	9.4	2.5
2016/17	1.4	5.1	7.2	2.7	0.2	2.4	9.7	2.5
Other Former Soviet Union - 12								
2013/14	3.4	2.6	8.8	4.3	0.5	2.9	12.0	2.9
2014/15	3.4	2.6	8.8	4.5	0.4	3.5	12.7	3.1
2015/16	3.4	2.6	9.0	3.8	0.7	3.4	12.7	2.5
2016/17	3.3	2.6	8.7	4.2	0.4	3.0	12.4	2.6
Total Former Soviet Union - 12								
2013/14	47.7	2.2	103.9	7.5	37.3	22.7	72.8	15.6
2014/15	46.7	2.4	112.7	7.7	40.2	24.7	75.4	20.5
2015/16	49.1	2.4	118.2	7.4	51.5	26.9	78.2	16.4
2016/17	50.1	2.6	131.4	7.5	53.6	28.3	79.9	21.8

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								
2013/14	1.8	1.4	2.5	0.0	0.4	1.7	2.0	0.3
2014/15	1.9	1.3	2.4	0.0	0.5	1.7	2.0	0.2
2015/16	2.0	1.3	2.7	0.0	0.8	1.7	2.0	0.1
2016/17	1.9	1.5	2.7	0.0	0.7	1.7	2.0	0.1
Russia								
2013/14	8.0	1.9	15.4	0.2	2.7	8.3	12.7	0.9
2014/15	8.8	2.3	20.0	0.0	5.3	9.2	14.1	1.5
2015/16	8.0	2.1	17.1	0.1	4.2	8.9	13.6	0.8
2016/17	8.0	2.3	18.0	0.1	4.0	9.1	13.9	1.0
Ukraine								
2013/14	3.2	2.3	7.6	0.0	2.5	3.5	5.0	1.0
2014/15	3.2	3.0	9.5	0.0	4.5	3.2	4.7	1.3
2015/16	3.0	2.9	8.8	0.0	4.4	3.2	4.7	0.9
2016/17	3.1	3.2	9.8	0.0	5.0	3.4	4.9	0.8
Uzbekistan								
2013/14	0.1	3.2	0.2	0.0	0.0	0.2	0.3	0.0
2014/15	0.1	3.2	0.2	0.1	0.0	0.2	0.3	0.0
2015/16	0.1	3.2	0.2	0.0	0.0	0.2	0.3	0.0
2016/17	0.1	3.2	0.2	0.1	0.0	0.3	0.3	0.0
Other Former Soviet Union - 12								
2013/14	1.3	2.6	3.4	0.1	0.0	2.7	3.5	0.4
2014/15	1.3	2.7	3.4	0.2	0.1	2.8	3.6	0.3
2015/16	1.2	2.8	3.5	0.0	0.1	2.7	3.5	0.2
2016/17	1.4	2.7	3.8	0.1	0.1	2.9	3.8	0.2
Total Former Soviet Union - 12								
2013/14	14.5	2.0	29.2	0.3	5.6	16.4	23.5	2.6
2014/15	15.3	2.3	35.6	0.3	10.3	17.1	24.7	3.4
2015/16	14.4	2.2	32.2	0.1	9.6	16.7	24.1	2.1
2016/17	14.4	2.4	34.5	0.2	9.8	17.4	24.9	2.2

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								
2013/14	0.1	5.3	0.6	0.0	0.0	0.5	0.6	0.0
2014/15	0.1	5.3	0.7	0.0	0.0	0.5	0.6	0.1
2015/16	0.1	5.3	0.7	0.0	0.0	0.6	0.7	0.2
2016/17	0.1	5.4	0.7	0.0	0.1	0.6	0.7	0.1
Russia								
2013/14	2.3	5.0	11.6	0.1	4.2	6.6	7.5	0.3
2014/15	2.6	4.4	11.3	0.0	3.2	7.2	8.1	0.3
2015/16	2.7	4.9	13.2	0.0	4.7	7.8	8.7	0.2
2016/17	2.8	5.5	15.5	0.1	5.3	8.7	9.6	0.8
Ukraine								
2013/14	4.8	6.4	30.9	0.1	20.0	8.3	9.7	2.4
2014/15	4.6	6.2	28.5	0.0	19.7	8.0	9.4	1.8
2015/16	4.1	5.7	23.3	0.0	16.6	6.7	8.0	0.6
2016/17	4.3	6.4	27.0	0.1	18.0	6.9	8.3	1.3
Uzbekistan								
2013/14	0.0	3.4	0.1	0.0	0.0	0.1	0.1	0.0
2014/15	0.0	3.4	0.1	0.0	0.0	0.1	0.2	0.0
2015/16	0.0	3.4	0.1	0.0	0.0	0.1	0.2	0.0
2016/17	0.0	3.4	0.1	0.0	0.0	0.1	0.1	0.0
Other Former Soviet Union - 12								
2013/14	1.0	3.8	3.7	0.3	0.6	2.9	3.2	0.6
2014/15	0.9	3.7	3.2	0.4	0.3	2.9	3.2	0.8
2015/16	0.8	2.9	2.5	0.3	0.1	2.6	2.9	0.5
2016/17	0.9	3.7	3.2	0.3	0.3	2.8	3.1	0.6
Total Former Soviet Union - 12								
2013/14	8.3	5.7	46.9	0.4	24.8	18.4	21.1	3.4
2014/15	8.3	5.3	43.8	0.5	23.2	18.8	21.5	3.0
2015/16	7.8	5.1	39.8	0.4	21.4	17.8	20.4	1.4
2016/17	8.1	5.8	46.6	0.4	23.7	19.1	21.9	2.8

Wheat Supply and Disappearance: Selected Exporters

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumpti	Ending Stocks
Wheat Competitors								
Argentina								
2012/13	3.6	2.6	9.3	0.0	3.6	0.3	6.2	0.3
2013/14	3.5	3.0	10.5	0.0	2.3	0.1	6.1	2.5
2014/15	5.0	2.8	13.9	0.0	5.3	0.3	6.4	4.8
2015/16	3.9	2.9	11.3	0.0	9.4	0.2	5.9	0.8
2016/17	4.8	3.0	14.4	0.0	8.0	0.1	6.3	0.9
Australia								
2012/13	13.0	1.8	22.9	0.1	18.6	3.4	6.7	4.7
2013/14	12.6	2.0	25.3	0.2	18.6	3.6	7.0	4.6
2014/15	12.4	1.9	23.9	0.2	16.6	3.8	7.2	4.8
2015/16	12.8	1.9	24.5	0.2	16.1	3.8	7.2	6.1
2016/17	13.0	2.5	33.0	0.2	24.0	4.5	8.0	7.3
Canada								
2012/13	9.5	2.9	27.2	0.5	19.0	4.3	9.6	5.1
2013/14	10.4	3.6	37.5	0.4	23.3	4.2	9.4	10.4
2014/15	9.5	3.1	29.4	0.5	24.2	3.8	9.1	7.1
2015/16	9.6	2.9	27.6	0.5	22.1	2.6	7.8	5.2
2016/17	8.9	3.6	31.7	0.5	21.5	4.7	9.9	6.0
European Union								
2012/13	26.0	5.2	133.9	5.3	22.8	51.0	119.3	10.7
2013/14	25.9	5.6	144.6	4.0	32.0	49.0	117.3	9.9
2014/15	26.7	5.9	156.9	6.0	35.4	55.0	124.7	12.7
2015/16	26.8	6.0	160.0	6.9	34.7	61.0	131.0	14.0
2016/17	27.0	5.3	144.0	6.5	25.0	58.5	129.2	10.3
Kazakhstan								
2012/13	12.4	0.8	9.8	0.0	6.3	2.0	6.8	2.9
2013/14	13.0	1.1	13.9	0.0	8.1	2.0	6.8	2.0
2014/15	11.9	1.1	13.0	0.6	5.5	2.0	6.8	3.2
2015/16	11.6	1.2	13.7	0.1	7.6	2.1	6.9	2.6
2016/17	12.0	1.4	16.5	0.1	8.5	2.2	7.0	3.6
Russia								
2012/13	21.3	1.8	37.7	1.2	11.3	11.9	33.6	4.9
2013/14	23.4	2.2	52.1	0.9	18.6	12.5	34.1	5.2
2014/15	23.6	2.5	59.1	0.3	22.8	13.0	35.5	6.3
2015/16	25.6	2.4	61.0	0.8	25.5	14.0	37.0	5.6
2016/17	26.9	2.7	72.0	0.5	29.0	16.0	39.0	10.1

Wheat Supply and Disappearance: Selected Exporters (Continued)

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumpti	Ending Stocks
Ukraine								
2012/13	5.6	2.8	15.8	0.0	7.2	3.1	11.4	2.6
2013/14	6.6	3.4	22.3	0.1	9.8	3.4	11.5	3.7
2014/15	6.3	3.9	24.8	0.0	11.3	4.0	11.5	5.7
2015/16	7.1	3.8	27.3	0.0	17.4	5.2	12.3	3.2
2016/17	6.5	4.2	27.0	0.0	15.5	4.7	11.8	3.0
Total Wheat Competitors								
2012/13	91.4	2.8	256.6	7.1	88.7	76.0	193.5	31.2
2013/14	95.4	3.2	306.2	5.5	112.6	74.8	192.1	38.2
2014/15	95.4	3.4	321.0	7.6	121.1	81.9	201.1	44.6
2015/16	97.4	3.3	325.5	8.5	132.9	88.9	208.1	37.5
2016/17	99.1	3.4	338.6	7.7	131.5	90.7	211.2	41.2

Corn Supply and Disappearance: Selected Exporters

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumpti	Ending Stocks
Argentina								
2008/09	2.5	6.2	15.5	0.0	10.3	4.5	6.4	0.9
2009/10	3.0	8.3	25.0	0.0	16.5	5.0	6.9	2.5
2010/11	3.8	6.7	25.2	0.0	16.3	5.3	7.3	4.0
2011/12	3.6	5.8	21.0	0.0	17.1	4.8	7.0	0.9
2012/13	4.0	6.8	27.0	0.0	18.7	5.3	7.9	1.3
2013/14	3.4	7.6	26.0	0.0	17.1	5.8	8.8	1.4
2014/15	3.5	8.2	28.7	0.0	19.0	6.0	9.3	1.8
2015/16	3.5	8.3	29.0	0.0	20.5	6.0	9.3	1.1
2016/17	4.5	8.1	36.5	0.0	25.0	6.8	10.5	2.1
Brazil								
2008/09	14.1	3.6	51.0	1.1	7.1	38.5	45.5	10.1
2009/10	12.9	4.3	56.1	0.4	11.6	41.5	48.5	6.5
2010/11	13.8	4.2	57.4	0.8	8.4	43.0	50.0	6.3
2011/12	15.2	4.8	73.0	0.8	24.3	44.0	51.5	4.2
2012/13	15.8	5.2	81.5	0.9	24.9	44.5	52.5	9.2
2013/14	15.8	5.1	80.0	0.8	21.0	46.0	55.0	14.0
2014/15	15.8	5.4	85.0	0.3	34.5	48.0	57.0	7.8
2015/16	16.0	4.2	67.0	2.3	16.5	46.8	55.3	5.3
2016/17	16.7	5.2	86.5	0.6	28.0	49.0	58.0	6.4
China								
2008/09	29.9	5.6	165.9	0.0	0.2	108.0	153.0	51.2
2009/10	31.2	5.3	164.0	1.3	0.2	118.0	165.0	51.3
2010/11	32.5	5.5	177.2	1.0	0.1	128.0	180.0	49.4
2011/12	33.5	5.7	192.8	5.2	0.1	131.0	188.0	59.3
2012/13	35.0	5.9	205.6	2.7	0.1	144.0	200.0	67.6
2013/14	36.3	6.0	218.5	3.3	0.0	150.0	208.0	81.3
2014/15	37.1	5.8	215.6	5.5	0.0	140.0	202.0	100.5
2015/16	38.1	5.9	224.6	3.2	0.0	153.5	217.5	110.8
2016/17	36.8	6.0	219.6	3.0	0.0	159.0	227.0	106.3
South Africa								
2008/09	2.9	4.3	12.6	0.0	1.7	4.7	10.3	2.0
2009/10	3.3	4.1	13.4	0.0	2.1	4.9	10.6	2.8
2010/11	2.9	3.8	10.9	0.4	2.4	5.0	10.7	1.0
2011/12	3.1	4.1	12.8	0.0	1.8	5.0	10.7	1.3
2012/13	3.2	3.8	12.4	0.1	2.1	5.1	11.0	0.7
2013/14	3.1	4.9	14.9	0.1	2.0	5.5	11.5	2.2

Corn Supply and Disappearance: Selected Exporters (Continued)

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Productio n	MY Imports	MY Exports	Feed and Residual	Total Consumpti	Ending Stocks
2014/15	3.0	3.5	10.6	2.0	0.7	6.2	11.7	2.4
2015/16	2.2	3.6	7.9	3.0	0.8	5.7	11.2	1.3
2016/17	3.1	4.2	13.0	0.5	1.5	5.6	11.3	2.0
Total Corn Competitors								
2008/09	49.4	5.0	245.0	1.2	19.3	155.7	215.2	64.2
2009/10	50.4	5.1	258.5	1.7	30.3	169.4	231.0	63.1
2010/11	52.9	5.1	270.8	2.2	27.3	181.3	248.0	60.8
2011/12	55.5	5.4	299.5	6.0	43.4	184.8	257.2	65.7
2012/13	58.1	5.6	326.5	3.7	45.8	198.9	271.4	78.7
2013/14	58.6	5.8	339.4	4.1	40.0	207.3	283.3	98.9
2014/15	59.4	5.7	340.0	7.8	54.1	200.2	280.0	112.6
2015/16	59.8	5.5	328.5	8.5	37.8	212.0	293.3	118.5
2016/17	61.1	5.8	355.6	4.1	54.5	220.4	306.8	116.9

Barley Supply and Disappearance: Selected Exporters

Million Metric Tons/Hectares

Country Mktg Year	Area Harvested	Yield	Production	MY Imports	MY Exports	Feed and Residual	Total Consumpti	Ending Stocks
Australia								
2008/09	5.0	1.6	8.0	0.0	3.2	2.9	4.0	2.4
2009/10	4.4	1.8	7.9	0.0	3.9	3.3	4.5	1.9
2010/11	3.7	2.2	8.0	0.0	4.7	3.0	4.2	1.0
2011/12	3.7	2.2	8.2	0.0	5.4	2.1	3.3	0.5
2012/13	3.6	2.1	7.5	0.0	4.5	1.8	3.0	0.5
2013/14	3.8	2.4	9.2	0.0	6.2	1.5	2.8	0.7
2014/15	4.1	2.1	8.6	0.0	5.2	1.7	3.0	1.1
2015/16	4.1	2.1	8.6	0.0	5.4	2.0	3.3	1.0
2016/17	4.0	2.7	10.6	0.0	7.0	1.8	3.1	1.5
Canada								
2008/09	3.5	3.4	11.8	0.0	1.5	7.6	8.9	3.0
2009/10	2.9	3.3	9.5	0.0	1.3	7.5	8.7	2.5
2010/11	2.4	3.2	7.6	0.0	1.2	6.3	7.5	1.5
2011/12	2.4	3.3	7.9	0.0	1.3	5.7	6.9	1.2
2012/13	2.8	2.9	8.0	0.0	1.4	5.7	6.8	1.0
2013/14	2.7	3.9	10.2	0.0	1.6	6.5	7.7	2.0
2014/15	2.1	3.3	7.1	0.1	1.5	5.3	6.5	1.2
2015/16	2.4	3.5	8.2	0.2	1.2	5.8	7.0	1.4
2016/17	2.2	4.0	8.8	0.1	1.5	6.0	7.2	1.7
European Union								
2008/09	14.6	4.5	65.8	0.3	3.6	41.7	57.3	11.0
2009/10	14.0	4.5	62.4	0.1	1.1	41.7	56.8	15.6
2010/11	12.5	4.3	53.7	0.2	4.9	41.3	56.6	7.9
2011/12	11.9	4.3	51.9	0.5	3.0	35.8	51.2	6.1
2012/13	12.5	4.4	54.9	0.1	5.0	35.5	51.0	5.0
2013/14	12.4	4.8	59.7	0.0	5.7	38.0	53.4	5.6
2014/15	12.4	4.9	60.7	0.1	9.5	35.5	50.9	5.9
2015/16	12.2	5.0	61.5	0.3	10.8	36.3	51.7	5.2
2016/17	12.5	4.8	59.7	0.4	6.2	38.7	54.1	5.0

Sorghum Supply and Disappearance: Selected Exporters

Million Metric Tons/Hectares

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

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

Thousand Metric Tons/Hectares

	Area Harvested	Yield	Rough Production	Production	Imports	TY Imports	Exports	TY Exports	Feed Dom. Consumption	Domestic Consumption	Ending Stocks
Wheat											
2014/15	18,771	3	nr	55,147	4,117	3,964	23,518	22,999	3,094	31,334	20,477
2015/16	19,149	3	nr	56,117	3,073	3,056	21,094	21,856	4,134	32,019	26,554
2016/17	17,762	4	nr	62,859	3,402	3,400	26,535	26,000	7,076	35,163	31,117
Corn											
2014/15	33,644	11	nr	361,091	804	809	47,421	46,831	134,108	301,792	43,974
2015/16	32,678	11	nr	345,486	1,714	1,779	48,202	51,198	130,302	298,831	44,141
2016/17	35,141	11	nr	386,748	1,270	1,250	56,518	56,500	143,517	314,593	61,048
Sorghum											
2014/15	2,590	4	nr	10,988	10	27	8,935	9,269	2,078	2,459	468
2015/16	3,177	5	nr	15,158	117	98	8,600	7,895	2,612	6,212	931
2016/17	2,446	5	nr	11,740	25	25	6,350	6,300	2,286	5,462	884
Barley											
2014/15	1,011	4	nr	3,953	513	430	311	291	936	4,235	1,711
2015/16	1,278	4	nr	4,750	403	350	235	161	1,085	4,406	2,223
2016/17	1,035	4	nr	4,339	392	400	174	200	1,306	4,638	2,142
Oats											
2014/15	419	2	nr	1,019	1,876	1,767	27	29	1,330	2,447	780
2015/16	516	3	nr	1,300	1,475	1,538	29	35	1,582	2,701	825
2016/17	397	2	nr	940	1,551	1,500	29	30	1,479	2,611	676
Rye											
2014/15	104	2	nr	183	237	262	6	3	164	406	15
2015/16	148	2	nr	295	222	217	5	6	270	515	12
2016/17	168	2	nr	342	230	200	6	5	306	554	24
Rice, Milled											
2014/15	1,187	8	10,079	7,106	783	758	3,061	3,355	nr	4,301	1,552
2015/16	1,042	8	8,724	6,107	766	765	3,421	3,450	nr	3,529	1,475
2016/17	1,268	8	10,649	7,454	746	775	3,556	3,550	nr	4,222	1,897

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

Total Wheat and Coarse Grains: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat and Coarse Grains							
1987/88	544.3	2.4	1,285.9	202.2	656.6	1,329.8	422.8
1988/89	541.9	2.2	1,218.1	203.3	619.5	1,301.9	339.1
1989/90	548.2	2.4	1,327.4	208.9	644.5	1,346.2	320.3
1990/91	545.6	2.6	1,417.5	190.1	669.8	1,369.6	368.3
1991/92	543.3	2.5	1,355.6	207.5	653.5	1,365.9	357.9
1992/93	545.9	2.6	1,431.7	205.2	664.1	1,388.2	398.5
1993/94	536.0	2.5	1,356.5	188.2	657.1	1,389.1	366.0
1994/95	534.1	2.6	1,393.0	200.1	670.5	1,395.7	363.2
1995/96	527.3	2.5	1,338.9	187.5	641.8	1,381.8	320.3
1996/97	545.7	2.7	1,490.1	198.3	674.6	1,441.6	368.7
1997/98	535.2	2.8	1,490.6	190.4	685.6	1,443.2	416.1
1998/99	520.2	2.8	1,481.3	198.7	685.3	1,448.3	449.0
1999/00	506.2	2.9	1,465.6	214.0	690.4	1,469.9	444.2
2000/01	509.2	2.8	1,446.3	204.9	700.3	1,472.2	418.2
2001/02	511.5	2.9	1,480.2	208.3	713.6	1,495.7	402.7
2002/03	504.2	2.9	1,445.0	209.2	711.6	1,506.4	341.3
2003/04	511.2	2.9	1,473.6	205.8	718.1	1,536.0	278.9
2004/05	514.8	3.2	1,643.2	214.4	756.3	1,586.6	335.6
2005/06	517.5	3.1	1,600.2	222.5	758.1	1,617.3	318.4
2006/07	519.1	3.1	1,584.7	229.9	749.5	1,630.4	272.8
2007/08	534.4	3.2	1,691.9	244.7	764.1	1,675.4	289.2
2008/09	539.4	3.3	1,792.2	253.6	773.7	1,721.9	359.6
2009/10	533.6	3.4	1,804.2	254.1	782.3	1,767.8	396.0
2010/11	523.4	3.3	1,747.7	250.1	773.5	1,784.0	359.7
2011/12	537.8	3.4	1,853.8	287.1	807.8	1,853.3	360.2
2012/13	532.4	3.4	1,795.1	279.7	807.2	1,813.8	341.5
2013/14	540.5	3.7	1,994.6	327.8	860.1	1,930.4	405.7
2014/15	546.9	3.7	2,034.4	335.7	883.4	1,977.5	462.6
2015/16	545.8	3.6	1,985.1	357.2	901.3	1,962.3	485.4
2016/17	543.8	3.8	2,080.6	354.5	940.7	2,059.0	507.1

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

World Wheat and Coarse Grains: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Wheat							
1994/95	213.4	2.5	523.1	101.5	103.0	541.7	164.7
1995/96	216.7	2.5	537.5	99.2	96.9	545.6	156.6
1996/97	227.1	2.6	581.3	104.0	101.4	572.6	165.3
1997/98	226.4	2.7	610.2	104.5	106.2	576.5	199.0
1998/99	219.2	2.7	590.5	102.0	109.4	579.0	210.5
1999/00	212.7	2.8	587.5	111.9	104.6	587.6	210.3
2000/01	215.4	2.7	582.8	102.1	111.2	587.1	206.0
2001/02	214.3	2.7	583.9	107.9	112.0	586.6	203.3
2002/03	213.4	2.7	569.7	106.5	116.1	603.9	169.0
2003/04	208.0	2.7	555.7	103.5	101.7	588.9	135.8
2004/05	215.8	2.9	626.8	113.2	110.7	606.3	156.2
2005/06	217.5	2.8	618.8	114.1	117.7	621.8	153.3
2006/07	212.3	2.8	596.7	115.3	113.1	616.5	133.4
2007/08	216.9	2.8	611.9	116.0	104.6	617.3	128.1
2008/09	224.1	3.1	684.0	143.2	124.0	642.9	169.1
2009/10	225.6	3.0	687.2	135.3	122.3	653.1	203.3
2010/11	216.9	3.0	649.5	134.1	116.8	654.0	198.7
2011/12	221.0	3.2	697.3	153.7	148.7	697.8	198.3
2012/13	215.8	3.1	658.6	147.3	138.2	679.3	177.6
2013/14	219.6	3.3	715.1	162.5	126.6	698.0	194.7
2014/15	221.7	3.3	728.3	161.8	131.8	705.7	217.2
2015/16	225.0	3.3	735.5	172.2	138.4	712.1	240.6
2016/17	221.4	3.4	751.3	175.4	148.1	739.8	252.1
Coarse Grains							
1994/95	320.8	2.7	869.8	98.6	567.6	854.0	198.5
1995/96	310.5	2.6	801.4	88.3	544.9	836.2	163.7
1996/97	318.6	2.9	908.7	94.3	573.2	869.0	203.5
1997/98	308.8	2.9	880.4	85.8	579.4	866.7	217.2
1998/99	301.0	3.0	890.8	96.7	575.9	869.4	238.6
1999/00	293.5	3.0	878.1	102.1	585.8	882.3	233.9
2000/01	293.9	2.9	863.5	102.8	589.2	885.1	212.2
2001/02	297.3	3.0	896.3	100.4	601.6	909.1	199.5
2002/03	290.8	3.0	875.3	102.7	595.5	902.5	172.3
2003/04	303.3	3.0	917.9	102.3	616.4	947.1	143.1
2004/05	299.1	3.4	1,016.4	101.2	645.6	980.2	179.4
2005/06	300.0	3.3	981.3	108.4	640.4	995.6	165.1
2006/07	306.8	3.2	988.1	114.5	636.4	1,013.9	139.3
2007/08	317.6	3.4	1,080.0	128.7	659.5	1,058.1	161.2
2008/09	315.3	3.5	1,108.2	110.4	649.7	1,078.9	190.5
2009/10	308.0	3.6	1,117.0	118.8	660.0	1,114.8	192.7
2010/11	306.6	3.6	1,098.2	116.0	656.7	1,130.0	161.0
2011/12	316.8	3.7	1,156.5	133.4	659.1	1,155.5	161.9
2012/13	316.6	3.6	1,136.5	132.4	668.9	1,134.5	163.9
2013/14	320.9	4.0	1,279.6	165.3	733.5	1,232.4	211.0
2014/15	325.3	4.0	1,306.1	173.9	751.6	1,271.8	245.4
2015/16	320.8	3.9	1,249.6	185.0	762.9	1,250.2	244.8
2016/17	322.4	4.1	1,329.4	179.1	792.6	1,319.2	254.9

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

World Corn and Barley: Supply and Demand

Millions of Metric Tons/Hectares

	Area Harvested	Yield	Production	TY Exports	Feed Dom.	Domestic Consumpti	Ending Stocks
Corn							
1994/95	135.2	4.1	559.6	71.9	371.6	535.7	153.3
1995/96	135.1	3.8	516.7	64.8	365.3	536.8	133.3
1996/97	141.5	4.2	592.9	66.6	387.8	559.9	166.3
1997/98	136.3	4.2	574.1	63.1	400.6	573.3	167.2
1998/99	139.0	4.4	605.8	68.7	404.4	581.6	191.4
1999/00	138.8	4.4	608.1	72.0	422.5	605.1	194.4
2000/01	137.1	4.3	591.7	75.9	427.3	610.8	175.2
2001/02	137.1	4.4	601.8	72.7	436.3	625.5	151.5
2002/03	137.7	4.4	603.9	76.8	433.4	628.5	126.9
2003/04	141.6	4.4	627.7	79.0	445.7	649.9	104.6
2004/05	145.4	4.9	717.1	76.0	476.0	690.7	131.1
2005/06	145.4	4.8	701.0	82.5	479.5	708.5	123.6
2006/07	150.5	4.8	716.5	91.3	480.2	731.2	108.9
2007/08	160.3	5.0	795.5	98.2	501.3	776.6	127.9
2008/09	158.7	5.0	800.1	83.6	481.9	784.4	143.5
2009/10	158.4	5.2	825.2	92.7	492.7	827.8	140.9
2010/11	164.6	5.1	835.8	91.7	503.5	853.2	123.4
2011/12	172.1	5.2	889.7	103.7	508.5	885.1	128.1
2012/13	177.5	4.9	869.6	100.7	518.4	864.6	133.1
2013/14	180.3	5.5	990.4	130.8	570.6	948.8	174.8
2014/15	179.7	5.6	1,014.0	128.4	584.3	980.5	208.3
2015/16	177.8	5.4	961.1	144.8	597.3	960.4	208.9
2016/17	181.2	5.7	1,039.7	141.7	626.9	1,026.4	222.2
Barley							
1994/95	72.2	2.2	160.7	15.3	120.9	165.6	30.0
1995/96	66.4	2.1	141.2	13.4	107.8	150.7	20.5
1996/97	64.3	2.4	153.2	17.9	106.3	149.5	24.1
1997/98	63.8	2.4	153.9	12.8	104.1	145.8	32.2
1998/99	56.7	2.4	136.0	17.8	99.5	139.3	29.0
1999/00	52.1	2.4	127.4	17.8	94.0	132.5	23.9
2000/01	53.1	2.5	133.0	16.3	94.6	134.3	22.6
2001/02	55.7	2.6	143.5	17.2	95.5	136.9	29.2
2002/03	54.7	2.5	134.3	16.3	94.7	135.9	27.6
2003/04	58.4	2.4	142.9	14.8	103.3	147.0	23.5
2004/05	57.4	2.7	152.4	17.0	100.2	142.7	33.1
2005/06	55.2	2.5	136.2	17.4	97.4	141.1	28.3
2006/07	56.3	2.4	136.8	14.6	98.4	143.6	21.4
2007/08	55.7	2.4	132.7	18.5	91.0	133.6	20.5
2008/09	55.0	2.8	155.0	18.2	100.4	143.9	31.6
2009/10	54.2	2.8	150.9	17.3	101.5	145.3	37.2
2010/11	47.1	2.6	123.0	15.2	91.3	136.1	24.1
2011/12	49.2	2.7	133.5	21.4	91.7	135.0	22.6
2012/13	50.2	2.6	129.1	22.2	88.8	131.3	20.4
2013/14	50.7	2.8	144.3	23.8	97.3	140.9	23.9
2014/15	49.6	2.9	141.8	30.1	97.4	141.6	24.1
2015/16	50.1	3.0	148.7	27.5	100.2	147.6	25.1
2016/17	48.7	3.0	144.7	27.0	100.8	146.6	23.2

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							
1987/88	141.4	3.3	464.8	315.1	11.4	313.2	105.3
1988/89	146.6	3.3	490.8	332.1	14.0	325.7	111.6
1989/90	147.8	3.5	510.3	345.3	11.7	336.3	120.6
1990/91	147.0	3.5	519.4	351.4	12.3	345.3	126.6
1991/92	147.6	3.5	522.9	353.3	14.4	353.2	126.7
1992/93	146.4	3.6	524.0	353.9	14.9	357.4	123.1
1993/94	145.3	3.6	526.1	354.7	16.6	358.9	118.9
1994/95	147.3	3.7	539.9	364.1	20.8	365.5	117.6
1995/96	148.4	3.7	547.3	368.8	19.7	368.3	118.1
1996/97	150.2	3.8	563.8	380.4	18.9	378.2	120.3
1997/98	151.7	3.8	575.3	387.4	27.6	380.0	127.7
1998/99	153.3	3.8	587.0	394.9	24.8	388.6	134.0
1999/00	155.9	3.9	608.8	409.3	22.8	400.2	143.1
2000/01	152.8	3.9	594.1	399.2	24.3	395.6	146.7
2001/02	151.6	3.9	594.3	399.5	27.9	413.2	132.9
2002/03	147.7	3.8	563.0	378.2	27.6	408.1	103.0
2003/04	149.5	3.9	585.4	392.5	27.3	413.8	81.7
2004/05	151.4	3.9	596.4	400.8	28.9	408.5	74.0
2005/06	154.2	4.0	622.3	417.9	29.0	415.4	76.5
2006/07	154.3	4.1	625.0	420.1	31.8	421.2	75.4
2007/08	155.0	4.2	643.6	433.6	29.5	428.1	80.9
2008/09	158.5	4.2	669.5	449.9	29.4	437.9	92.9
2009/10	155.8	4.2	656.2	440.7	31.8	438.5	95.1
2010/11	158.2	4.2	672.1	450.4	36.5	445.4	100.1
2011/12	160.4	4.3	697.2	467.6	40.0	460.9	106.8
2012/13	158.8	4.4	704.6	472.5	39.5	465.4	113.9
2013/14	161.6	4.4	713.3	478.3	44.1	478.3	113.9
2014/15	160.9	4.4	713.5	478.6	42.7	477.9	114.5
2015/16	159.2	4.4	704.0	472.3	39.6	470.3	116.5
2016/17	162.1	4.4	717.9	481.5	40.6	477.8	120.2

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

ENDNOTES TO GRAIN: WORLD MARKETS AND TRADE

REGIONAL TABLES

North America: Canada, Mexico, the United States.

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

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

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

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

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

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

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

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

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

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

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

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

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

OTHER NOTES

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

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

For a complete list of local marketing years, please see the FAS website (http://www.fas.usda.gov/psdonline/psdAvailability.aspx).

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

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

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

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

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

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

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

Note: The previous report in this series was Grain: World Markets and Trade November 2016. For further details on world grain production, please see World Agricultural Production December 2016.

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

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