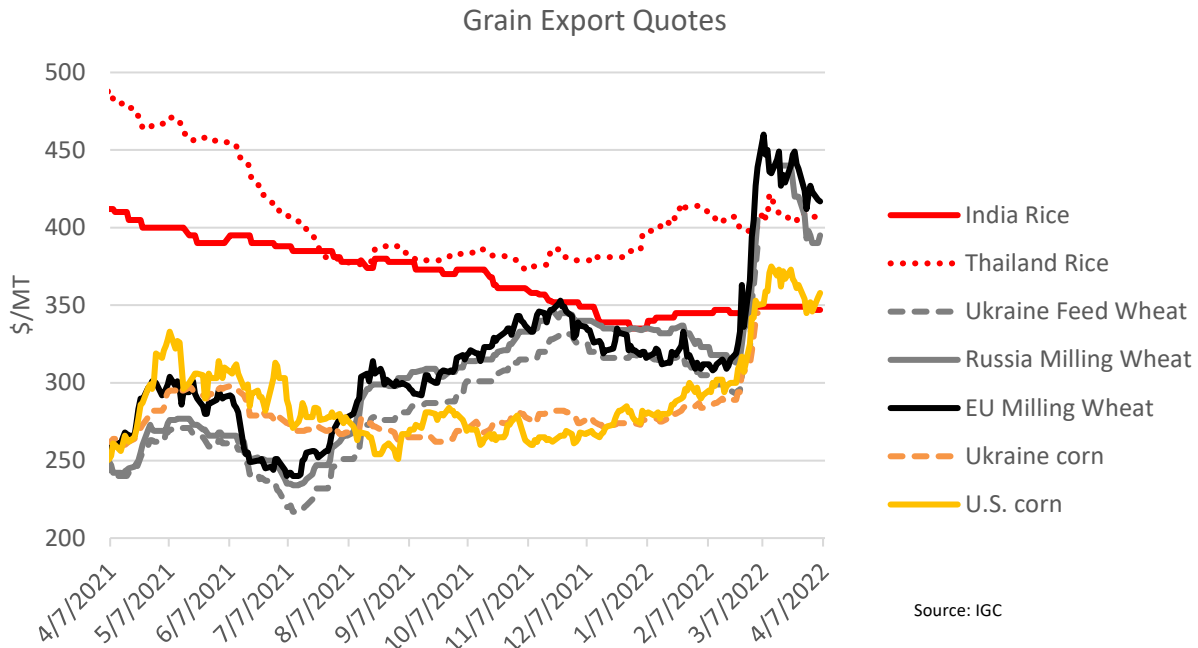


Grain: World Markets and Trade

Stability in Rice Market Contrasts with Volatility in Wheat and Corn



Over the past few weeks, global grain markets have been significantly affected by the Russian invasion of Ukraine and the near-complete cessation of Ukraine grain exports. Because Ukraine is a major wheat and corn exporter, the result has been a sudden shift of demand to other suppliers and a remarkable increase in exporter price quotes for those grains. While Ukrainian quotes are no longer available as the country scrambles to begin shipping via rail instead of by sea, Russian wheat quotes and exports have resumed, resulting in some leveling off of prices. Corn export quotes have eased slightly with the imminent South American harvests but remain historically high.

In stark contrast to the record and near-record prices of corn and wheat over the past month, rice quotes have remained remarkably stable amid sufficient supplies and no disruptions to major exporters. In fact, quotes from India, the largest rice supplier, have been static and are currently below major export quotes for both wheat and corn, an anomaly. Over the past couple of decades, major wheat exporter quotes only exceeded rice briefly in 2007 and 2008, and major corn exporter quotes have never been above rice.

The recent phenomenon of stable rice prices and higher wheat prices may impact consumer choices. Countries that consume wheat as their staple grain are unlikely to suddenly change buying habits, but countries with consumers of both wheat and rice may prefer rice based on the comparatively lower prices. Sub-Saharan Africa is a price-sensitive region that consumes roughly equal amounts of both grains and may shift consumption to the lower-priced rice or local alternatives.

Though rice is not usually used for feed due to its typically higher prices and less favorable nutritional profile, the use of small amounts for feed is not uncommon in large rice-producing countries, especially in East and Southeast Asian countries like China, South Korea, Japan, and Thailand. This year, China and Vietnam are importing significantly more broken rice that could be used for feed.

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

To download the tables in the publication, go to Production, Supply and Distribution Database ([PSD Online](#)): scroll down to Reports, and then click Grains.

FAS Reports and Databases:

[Current World Markets and Trade and World Agricultural Production Reports](#)

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[Production, Supply and Distribution Database \(PSD Online\)](#)

[Global Agricultural Trade System \(U.S. Exports and Imports\)](#)

[Export Sales Report](#)

[Global Agricultural Information Network \(Agricultural Attaché Reports\)](#)

Other USDA Reports:

[World Agricultural Supply and Demand Estimates \(WASDE\)](#)

[Economic Research Service](#)

[National Agricultural Statistics Service](#)

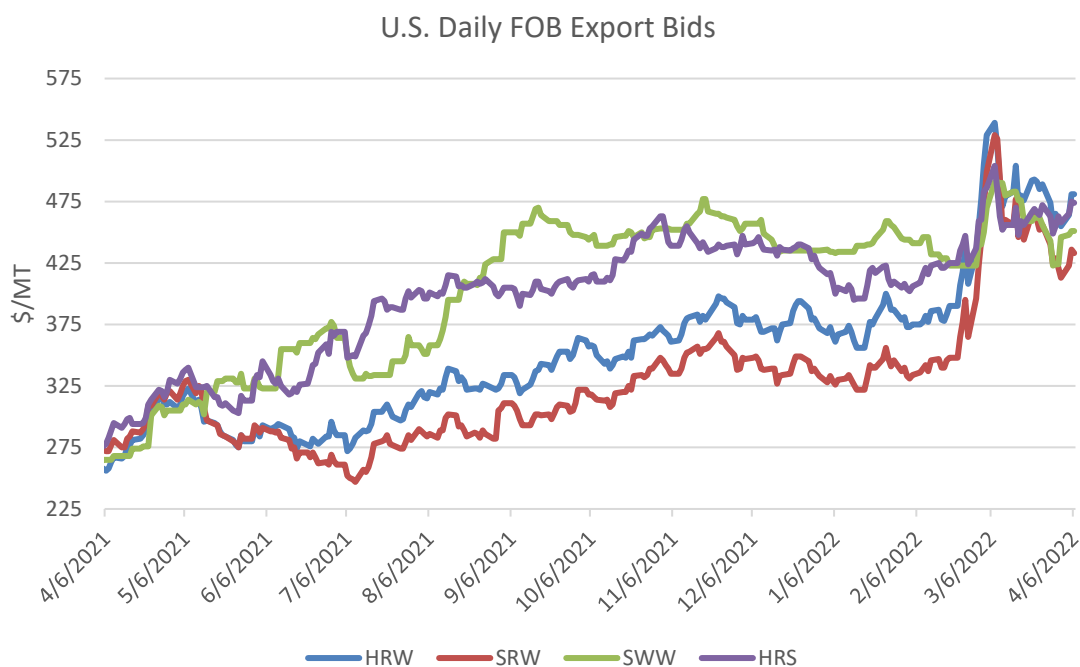
WHEAT

OVERVIEW FOR 2021/22

Global production is up this month primarily on larger crops in Argentina and Pakistan, slightly offset by reductions in the EU. Global consumption is raised this month with more feed and residual use in Ukraine; higher food, seed and industrial use in India and Pakistan. Ending stocks are revised lower this month primarily on reductions in India and are down 4 percent globally from the prior year. Imports are forecast lower this month with reductions for Egypt, the EU, Iraq, and Turkey. Exports are down for the EU and Ukraine, but partially offset by increases for Brazil and Russia. The U.S. season-average farm price is raised 10 cents per bushel to \$7.60.

WHEAT PRICES

Domestic: All U.S. bids have come down since the March *WASDE* report as markets have started to settle following spikes last month along with muted interest in U.S. exports at current price levels. Hard Red Spring (HRS) fell \$30/ton from last month to \$474 as weak demand out of Southeast Asia and China persists. Soft White Winter (SWW) slid \$40/ton to \$451 and Hard Red Winter declined \$58/ton to \$481; however, poor conditions in Oklahoma, Texas, and Kansas continue to sustain elevated prices. Soft Red Winter (SRW) settled at \$433, down \$96/ton, following the downward movement of other exporters.



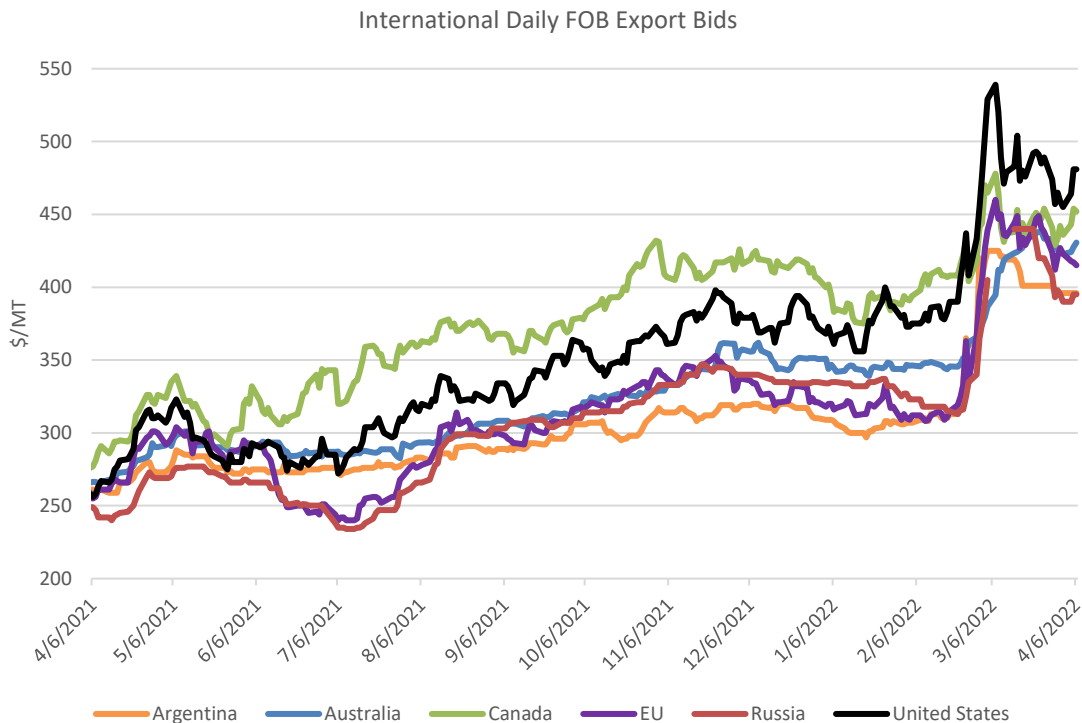
Source: IGC

*Note on FOB prices: HRW (Hard Red Winter); SRW (Soft Red Winter); SWW (Soft White Wheat); HRS (Hard Red Spring)

Global: Global wheat prices for most major exporters were down over the past month as markets have settled somewhat following the spikes in prices after Russia’s invasion of Ukraine. Canadian quotes fell \$35/ton from the previous month, while Argentine quotes were down \$29/ton. U.S. quotes slid \$58/ton with muted global interest in U.S exports at high price levels. EU quotes were down \$45/ton on reports of ongoing negotiations between India and some major importers, including Egypt. Prices in Russia slid \$10/ton amid predominantly moderate conditions for winter crops and the continued ability to export from the Black Sea. In contrast to the declines elsewhere, Australian quotes rose \$36/ton on strong international demand, particularly from markets in Sub-Saharan Africa and Southeast Asia.

Argentina	Australia	Canada	EU	Russia	United States
\$396	\$431	\$452	\$415	\$395	\$481

Note: As of April 6, 2022



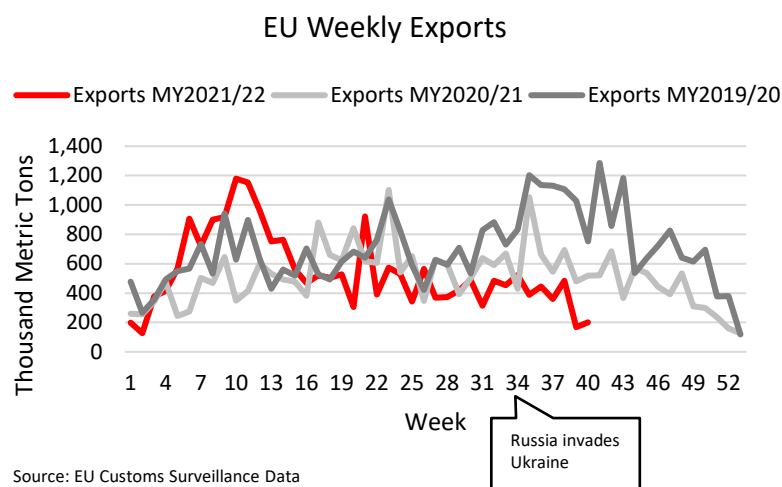
Source: IGC

*Note on FOB prices: Argentina- 12.0%, up river; Australia- average of APW; Kwinana, Newcastle, and Port Adelaide; Russia - Black Sea- milling; EU- France grade 1, Rouen; US- HRW 11.5% Gulf; Canada- CWRS (13.5%), Vancouver

MARKET FEATURES

EU Wheat Export Forecast Trimmed After Slowdown in Export Pace

The 2021/22 EU export forecast has been trimmed 3.5 million tons to 34.0 million primarily as a reflection of slower shipments out of the trading bloc. Two members, Bulgaria and Hungary, are prioritizing maintaining stocks to combat high domestic prices in the wake of the Russia-Ukraine war. Exports have been slow in the most recent quarter, with EU customs surveillance data indicating exports of approximately 2 million tons in both January and February. This is more akin to the pace set in 2020/21, when annual exports were 29.7 million tons, and well below 2019/20, when annual exports were 39.8 million tons.

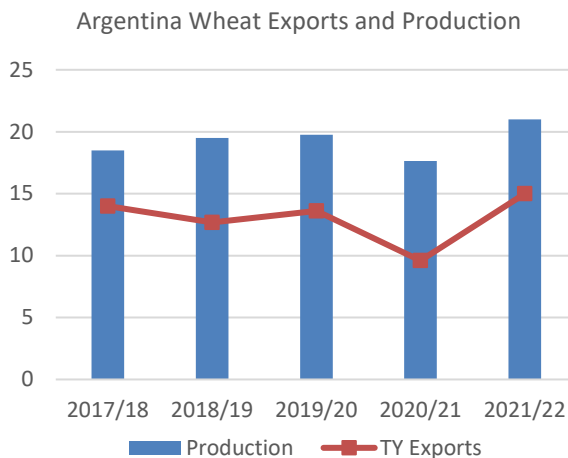
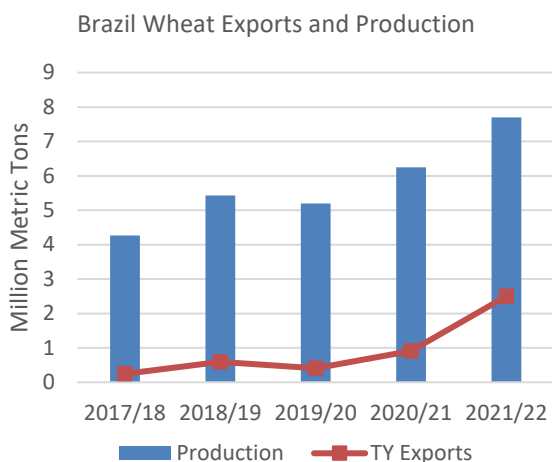


EU wheat exports are highly concentrated: the five largest wheat exporters in the EU (France, Germany, Romania, Poland, and Lithuania) account for 80 percent of total wheat exports. Therefore, it is particularly noteworthy that much of the shortfall in exports has resulted from a slowdown from France, Lithuania, and Poland. Exports from France to Algeria have particularly slowed after a diplomatic dispute saw the Algerian state grains trading agency halt all imports of wheat from its primary supplier. Algeria started buying Russian wheat in 2021/22 for the first time in 5 years and also began buying from Argentina. Lithuania had a smaller estimated crop than previously expected and has reduced shipments to Nigeria and Algeria. Poland has also exported less to Algeria, as well as to Saudi Arabia and South Africa.

Bulgaria and Hungary, which account for a combined 8 percent of EU wheat exports, are expected to export less wheat through the end of the trade year as their governments have implemented restrictions on grain exports that contravene EU regulations. Initially, the Bulgarian government announced it would suspend all wheat exports in an effort to build up national reserve stockpiles. As of April 7, Customs officials continue to delay exports and perform 24-hour checks of export cargos together with the National Revenue Agency and other authorities. This is not common practice and has caused trade to slow. Hungary, which accounts for just 1 percent of EU wheat exports, has gone a step further, banning all grain exports in order to combat high domestic food prices.

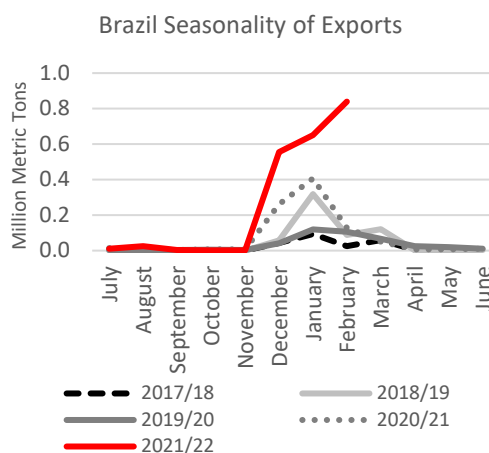
Looking ahead, EU exports are expected to accelerate through the final quarter of the marketing year as buyers shift away from Ukraine supplies. To reach the lowered 34.0-million-ton forecast, EU exports will have to average a strong, yet manageable, 3.5 million tons per month from April through June. While Algeria had become more reliant on Black Sea wheat recently, it is reported to have bought a majority of its March tender from France, marking a reversal from the recent exclusion in bidding. Increased buying from Egypt, Turkey, Jordan, Nigeria, and other Sub-Saharan African markets are expected to provide the tailwind necessary for EU exports to close out the trade year at the revised forecast.

South American Wheat Exports Soar to Offset Tighter Black Sea Supplies

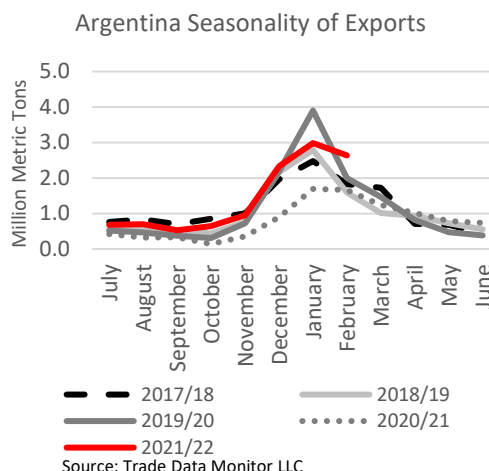


Record wheat crops in both Argentina and Brazil have provided ample exportable supplies as major importers scramble to find alternative sources of wheat amid the disruption to Ukraine exports.

Brazil, a traditional net importer of wheat, has taken advantage of strong global import demand, tightening global supplies, and elevated international prices to expand its exports. 2021/22 exports, which are adjusted up 800,000 tons this month to 2.5 million, have nearly tripled since last year's total and are just under its 2010/11 record. Brazil, which typically ramps up exports in December and tapers off in April, has exported 2.1 million tons so far this year. Monthly exports in December, January, and February all reached record levels. Compared to previous years, Brazil has expanded its exports significantly to Saudi Arabia, Indonesia, Morocco, Pakistan, and Turkey.



Argentina, meanwhile, is normally a top global wheat exporter. 2021/22 exports are adjusted up 500,000 tons this month to 15.0 million, up 56 percent since last year and surpassing its 2017/18 record by 1.0 million tons. Argentina usually boosts exports in November following harvest, peaks in January, and drops off in April. Exports total 11.5 million tons so far this year and February exports hit a record. Vessel loading data indicates that exports in March remained over 2.0 million tons. Apart from frequent buyer Brazil, major destinations include Indonesia, Algeria, Morocco, Chile, Kenya, and Nigeria.



Source: Trade Data Monitor LLC

Price-sensitive import markets, especially in the Middle East, Africa, and Southeast Asia, continue to have strong demand for competitively priced wheat as typically lower-priced Ukrainian wheat remains inaccessible. Argentine export bids remain just under \$400/ton while Brazilian export unit values averaged \$295/ton in February, making both origins an attractive alternative amidst escalated global prices and supporting record and near-record exports in 2021/22.

TRADE CHANGES IN 2021/22 (1,000 MT)

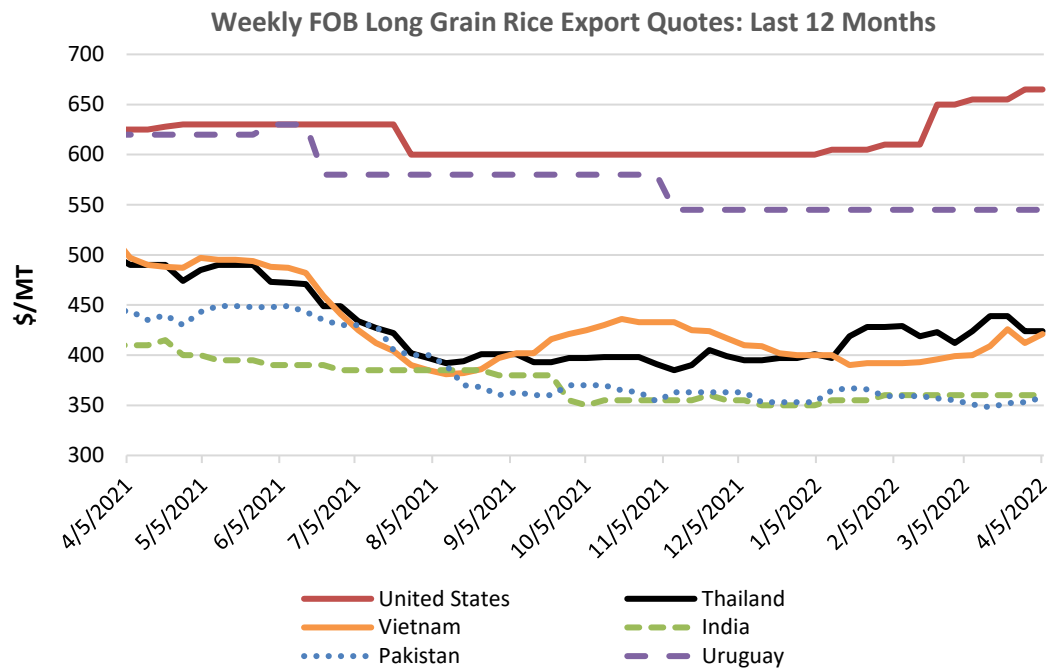
Country	Attribute	Previous	Current	Change	Reason
Algeria	Imports	7,500	7,800	300	Strong pace of imports, including resumed shipments from Argentina
Brazil	Imports	6,700	6,500	-200	Record crop and slow pace of imports
Egypt	Imports	12,500	12,000	-500	Rising global prices and disruptions to Black Sea supplies
European Union	Imports	4,800	4,500	-300	Reduced durum imports from Canada and United States, fewer imports from Ukraine
Iraq	Imports	3,100	2,600	-500	Sluggish import pace
Japan	Imports	5,600	5,400	-200	Reduced demand for food use
Jordan	Imports	1,100	900	-200	Sluggish import pace
Morocco	Imports	5,000	5,200	200	Strong import demand due to expectations of a drought-impacted crop in 2022
Philippines	Imports	6,500	6,300	-200	Lower food use for wheat
Turkey	Imports	10,000	9,500	-500	Reduced imports from Ukraine
Argentina	Exports	14,500	15,000	500	Strong pace of exports; record production
Brazil	Exports	1,700	2,500	800	Strong pace of shipments to Middle East and Southeast Asia
European Union	Exports	37,500	34,000	-3,500	Weak exports in January and February from France and Germany; smaller crop in Lithuania; Hungary and Bulgaria export restrictions
Kazakhstan	Exports	7,400	7,000	-400	Government announcement of an export quota
Russia	Exports	32,000	33,000	1,000	Competitive prices and continued shipments out of the Black Sea
Ukraine	Exports	20,000	19,000	-1,000	Inability to ship via seaports
United States	Exports	22,000	21,500	-500	Uncompetitive prices, lower sales

RICE

OVERVIEW FOR 2021/22

Global rice production is forecast lower, primarily on lower area planted in Indonesia. Global consumption is down slightly due to a large decline in Indonesia and only partially offset by increases in the Philippines and China. Global stocks are down with decreases in Indonesia and India. Global trade is up overall with higher exports for India, Pakistan, Burma, and Thailand and higher imports by China, Vietnam, the European Union, and Indonesia.

RICE PRICES



Global: Rice export quotes remained relatively steady over the past month. U.S. quotes rose \$10 to \$665/ton amid tighter domestic supplies. Uruguayan prices remained at \$545. Thai quotes rose and then returned to \$424/ton. Vietnamese prices now closely track Thai prices after climbing \$21 to \$421/ton due to tight supplies of white rice. Pakistani quotes increased slightly by \$7 to \$358/ton amid ample supplies from a large December harvest. Indian prices remained at \$360/ton.

MARKET FEATURES

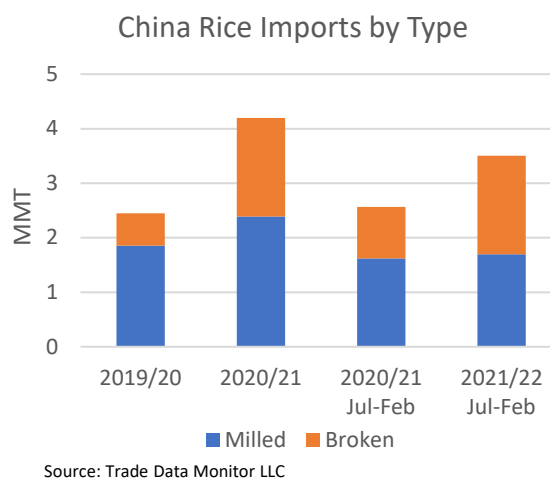
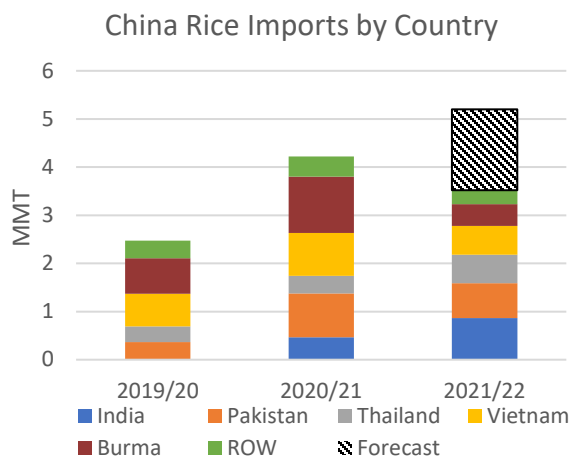
China Imports of Broken Rice Surge

The forecast for China rice imports for marketing year 2021/22 (July/June) have been raised 500,000 tons to 5.2 million tons, the highest since 2018/19, mostly on higher demand for broken rice from India. So far, imports from July 2021 through February 2022 have totaled 3.5 million tons, up 36 percent compared to the same period in 2020/21, inciting the increase for the forecast.

Traditionally, China imports rice from Vietnam, Burma, Pakistan, and Thailand. The largest contributor to import growth this marketing year is India, which prior to 2020/21 only supplied around 50,000 tons per year, as market access was restricted to basmati rice. Since obtaining access for non-basmati, India has been exporting in larger quantities. During the first 8 months of 2020/21, China imported about 60,000 tons from India. During the same timeframe in 2021/22, China imports from India surged to 870,000 tons.

Overall, China's milled rice imports are slightly higher during this period in 2021/22, spurred by competitive prices. However, broken rice imports have nearly doubled compared to the same time last year. While broken rice is being supplied by all the traditional suppliers, the main contributor to the growth is India, accounting for nearly half of China's broken rice imports. Broken rice is inexpensive and can be affordably imported outside of the tariff-rate quota, only facing a 10 percent tariff.

Demand for broken rice is being driven in large part by attractive import prices. Most is likely destined for feed, in part substituting for corn in feed rations. In addition, some broken rice is used for processed foods and liquor manufacturing.



TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	600	500	-100	Slow import pace
Brazil	Imports	680	800	120	Small crop
China	Imports	4,700	5,200	500	Strong demand for broken rice
European Union	Imports	1,925	2,100	175	Strong import pace following the removal of safeguard measures for Burma and Cambodia
Indonesia	Imports	600	750	150	Higher imports expected with smaller crop
Philippines	Imports	2,900	3,000	100	Large monthly shipments from Vietnam
Vietnam	Imports	600	800	200	Continued purchases from India
Burma	Exports	1,900	2,100	200	Strong exports to the EU
India	Exports	20,500	21,000	500	Large crop, high stocks, competitive prices
Pakistan	Exports	4,150	4,350	200	Strong export pace to China and competitive prices
Thailand	Exports	6,600	6,800	200	Large monthly exports to Africa and the Middle East and ample supplies

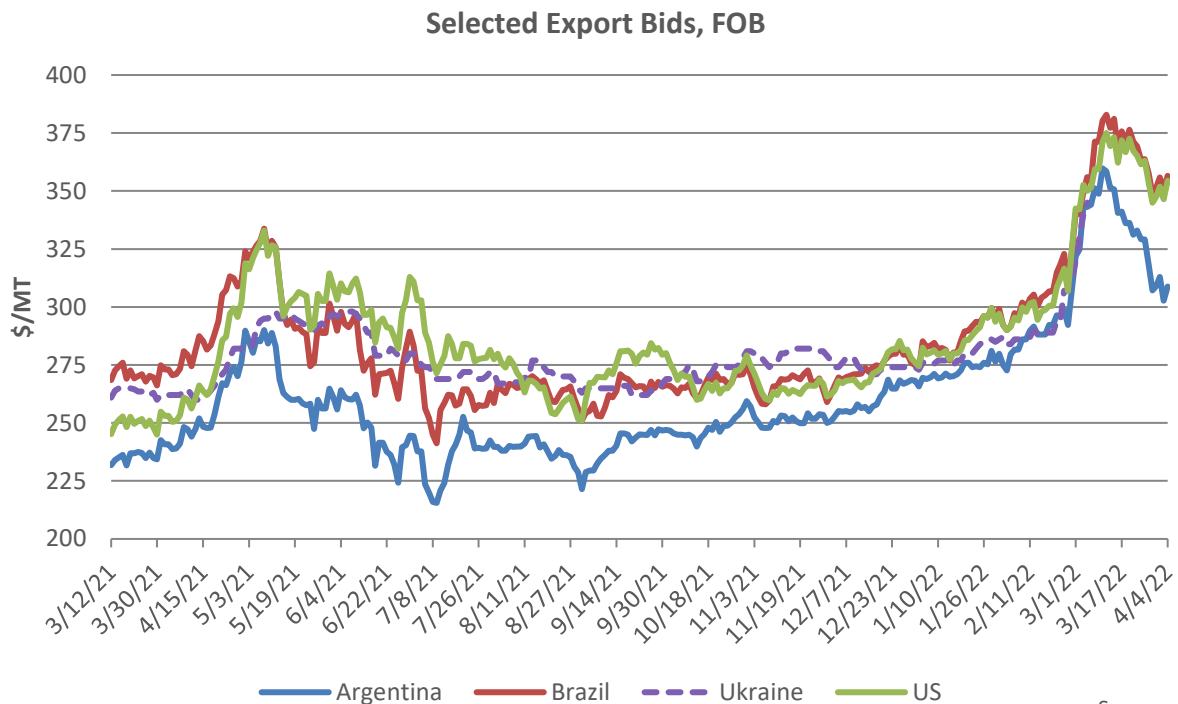
COARSE GRAINS

OVERVIEW FOR 2021/22

Global corn production is up on larger crops in Brazil, the European Union, Indonesia, and Pakistan. Global trade is down, primarily on lower exports for Serbia and Ukraine, but partially offset by higher exports for Brazil, Canada, and India. Global imports are down, led by a cut to China. The U.S. season-average farm price is up 15 cents to \$5.80 per bushel.

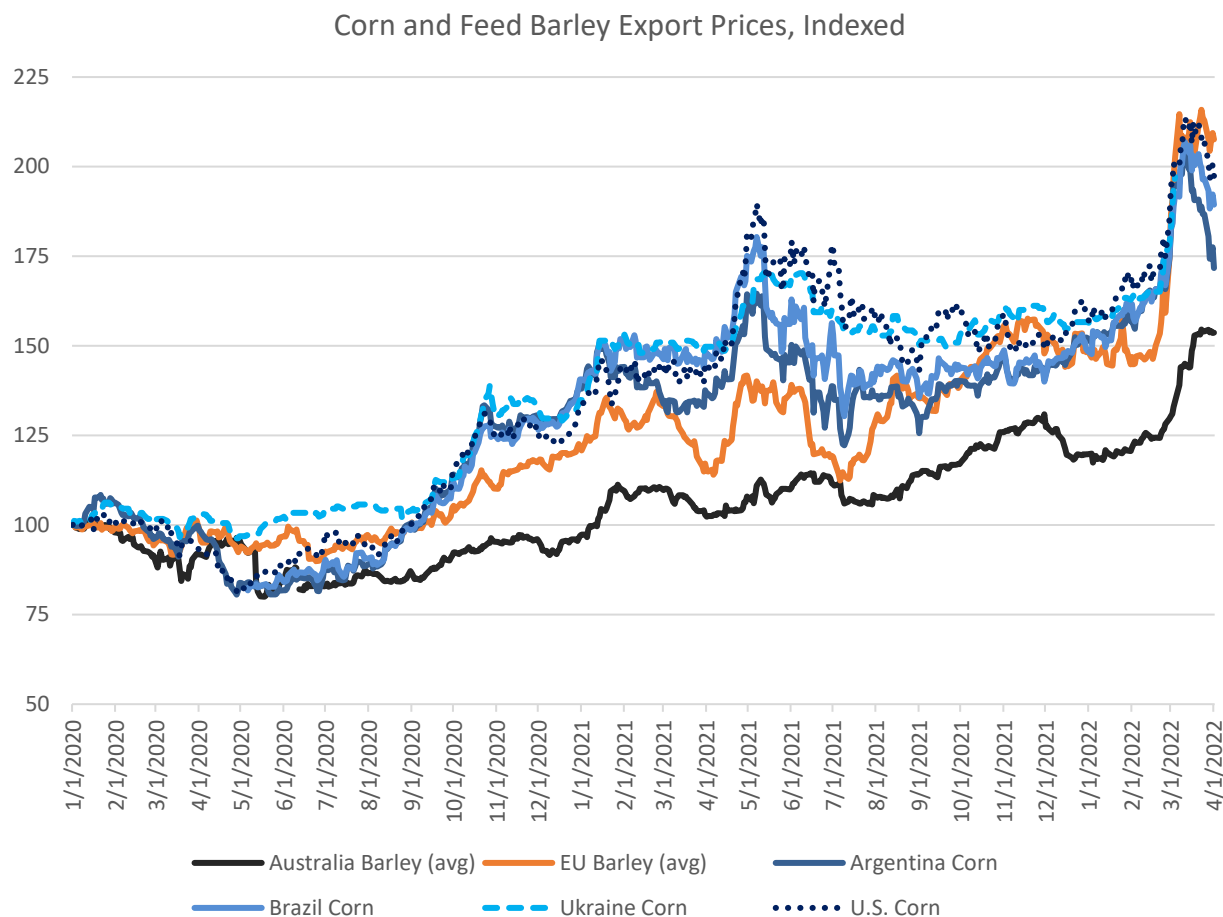
CORN PRICES

Global: Since the March WASDE, published exporters' bids have peaked and then eased. Russia's invasion of Ukraine has hampered Black Sea grain exports and no bids have been published in the last several weeks. After spiking to \$375/ton, supported by strong foreign demand, U.S. bids declined for the rest of the month, ending at \$355/ton. The March 31 release of the NASS *Prospective Plantings* report indicated that corn planted acreage would be down 4 percent from the previous year as farmers favor soy over corn, supporting prices. Brazilian bids were up \$7/ton to \$356. Higher area has improved production prospects for the upcoming second-crop corn (*safrinha*), though exportable supplies are seasonally tight. Argentine bids eased the most of the major corn exporters, dropping \$34/ton to \$309, as the harvest is underway, putting downward pressure on prices across origins. The crop is currently forecast at a record.



MARKET FEATURES

A Potentially Brighter Future for Australia Barley



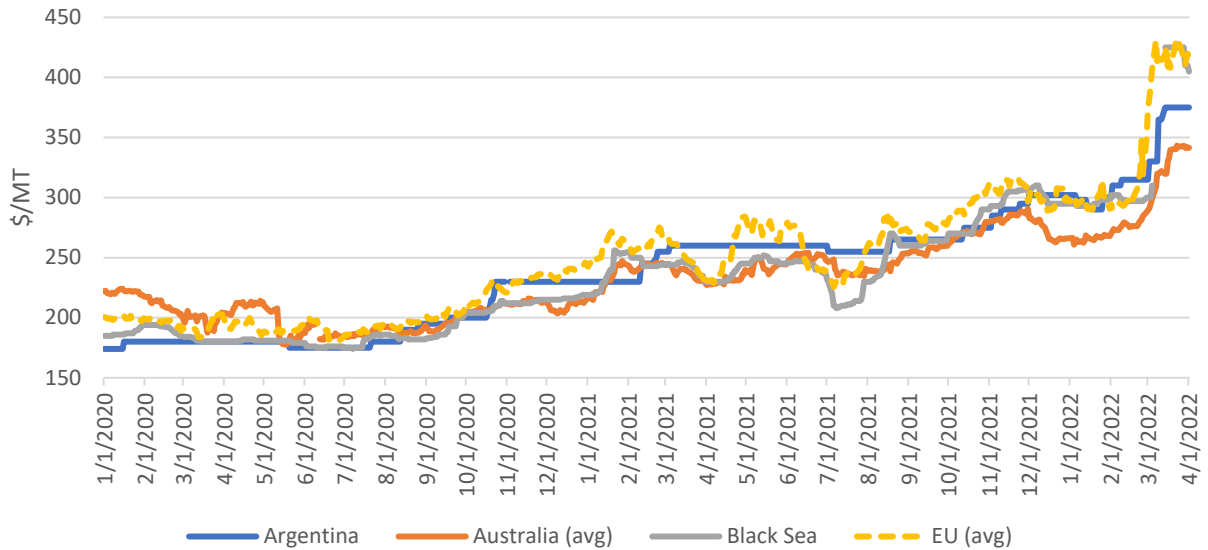
Source: IGC; Australia and EU Barley are averages of available origins

Note: Prices indexed to 1/1/2020, except Brazil Corn (indexed to 12/17/2019, the last published price prior to 1/1/2020)

World markets are currently blanketed by a cloud of uncertainty around Ukraine's ability to export corn and barley in both the short term and the coming year. Though not a major exporter of corn, Australia is one of the world's top exporters of barley, and, with its ample production forecast in 2021/22, could benefit from a perceived global deficit in feed grains. Australia barley production for 2021/22 is currently estimated at 13.7 million tons. This level of production, if realized, would be a record, beating out the previous high of 13.5 million tons in 2016/17. As a result, exports are forecast at 9.0 million tons, a near-record.

Australia barley is currently the least expensive among the major exporters. Moreover, when export prices for corn and barley are indexed to values as of January 1, 2020 (see note), Australia barley has also experienced the least dramatic price increase. Global feed grain prices began spiking in late February as Russia invaded Ukraine and peaked by mid-March. Though Australia barley was not immune to these movements, the change was muted in comparison to corn and other barley origins.

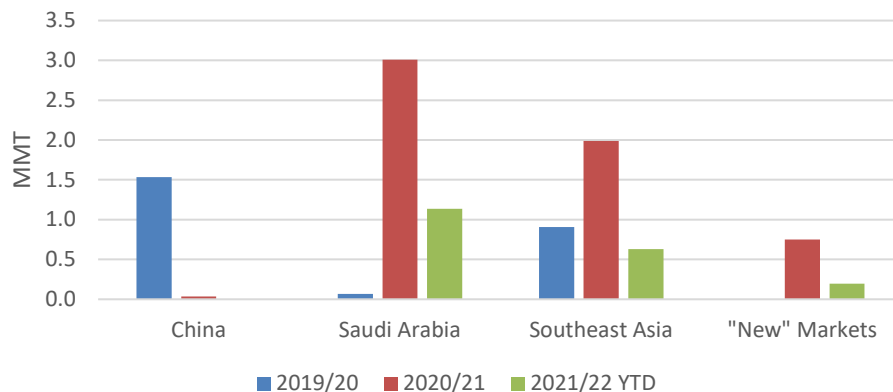
Barley Export Prices



Source: IGC; Australia and EU Barley are averages of available origins

China’s imposition of anti-dumping and countervailing duties on Australia barley beginning May 18, 2020, (see [June 2020 circular](#)) disrupted a longstanding grain trade relationship. China is the world’s largest importer of barley and Australia was its primary supplier leading up to the duties. Since then, Australia barley exports to China have been predictably small. However, trade with Saudi Arabia strengthened significantly last year as barley exports reached 3.0 million tons from just 66,000 tons in each of the 2 years prior. Marketing year to date in 2021/22, exports to Saudi Arabia are slightly behind last year. Trade with countries in Southeast Asia (the Philippines, Thailand, and Vietnam) has also grown. Moreover, a number of markets with zero trade in 2018/19 and 2019/20 (denoted as “New” Markets in the chart) accounted for about 9 percent of barley exports in 2020/21. Though Australia has already diversified its export markets away from China, current attractive prices and ample supplies could reopen interest during this time of uncertainty.

Australia Barley Exports by Destination

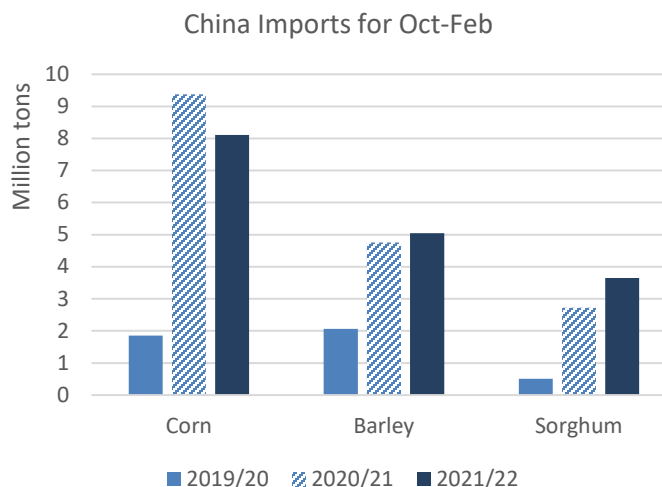


Source: Trade Data Monitor LLC; 2021/22 YTD: Nov-Feb
 “New” Markets: Mexico, Iran, Oman, Peru, Iraq, Ecuador, India, Fiji, Nepal

A Mid-Year Review of China Import Demand for Coarse Grains

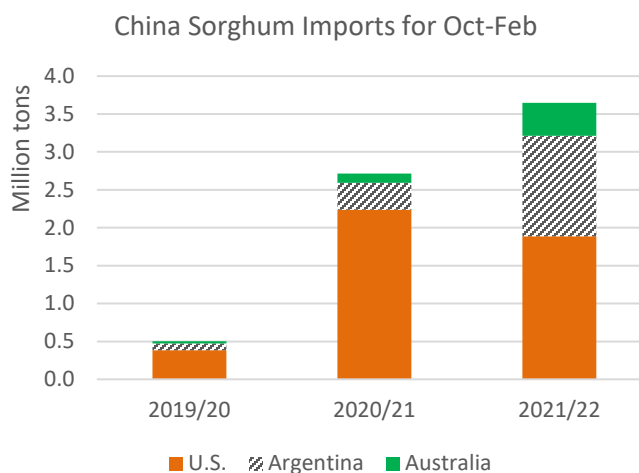
China has been the key driver in global import demand for major coarse grains (corn, barley, and sorghum) since becoming the top importer of corn last year. China's customs data for the first 5 months (October-February) in 2021/22 shows combined imports of coarse grains at the same level relative to a year ago as larger volumes for barley and sorghum offset the decline in corn.

Corn imports totaled 8.1 million tons for the period, supplied by the United States (51 percent) and Ukraine (45 percent). The import volume for Ukraine corn was on par relative to a year ago, but U.S. corn fell behind last year's record pace. For March through September, imports from Ukraine are expected to be small as the ongoing conflict severely limits Ukraine's ability to transport the grain from the Black Sea. This month, the China corn import forecast is adjusted lower to reflect this, with Ukraine a major supplier to China since 2014/15.



Barley imports totaled 5.0 million tons, mainly supplied by Ukraine (33 percent), Canada (30 percent), and France (29 percent). Imports from France were up sharply, more than offsetting smaller volumes from Ukraine and Canada. Barley has been used in the domestic beer industry and as a substitute for corn in feed rations in southern provinces. In the coming months, imports are expected to be slow from Ukraine and Canada. Canadian Grain Commission data shows a slowdown in weekly shipments to overseas destinations for the past several weeks. Given that the drought last summer decimated the crop in the Prairies, the slowdown likely indicates that the export program is near the end for the year. China has been the top destination for Canada.

Sorghum imports totaled 3.6 million tons, supplied by the United States (52 percent), Argentina (36 percent), and Australia (12 percent). China's customs data indicates that unit values from the Southern Hemisphere origins were \$14-23 per ton cheaper relative to U.S. sorghum. The impressive growth in volumes from non-U.S. origins may also reflect China's effort to alleviate dependence on U.S. sorghum. The import forecast remains unchanged this month as the 5 months of data are supportive of the current forecast.



TRADE CHANGES IN 2021/22 (1,000 MT)

Country	Commodity	Attribute	Previous	Current	Change	Reason
Brazil	Corn	Exports	32,500	34,000	1,500	Larger second crop
Canada	Corn	Exports	1,000	1,800	800	Pace to date
Chile	Corn	Imports	2,700	2,400	-300	Trade to date
China	Corn	Imports	26,000	23,000	-3,000	Expectations of smaller volumes from Ukraine
European Union	Barley	Imports	1,200	1,000	-200	Trade to date
India	Corn	Exports	2,800	3,300	500	Larger crop, regional export opportunities
Iran	Corn	Imports	8,300	8,500	200	Greater availability in Brazil, the top supplier
Paraguay	Corn	Exports	1,700	1,500	-200	Trade to date
Serbia	Corn	Exports	2,000	1,000	-1,000	Export ban
Ukraine	Corn	Exports	27,500	23,000	-4,500	Invasion further hindering grain exports

ENDNOTES

REGIONAL TABLES

North America: Canada, Mexico, the United States

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

Caribbean: Cuba, Dominican Republic, Haiti, Jamaica, Trinidad and Tobago

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, 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, and Sweden. Effective January 1, 2021, the separation of the United Kingdom (UK) from the European Union (EU) was complete, including trade between both entities. Starting in May 2021 with the release of 2021/22 data, grain PSDs reflect EU27 (shown in the PSD system as “European Union”) and UK separately. Beginning with the release of 2021/22 data, historical data for both EU27 and the UK are provided for 5 years (2016/17 through 2020/21). See below for notes on prior years’ EU Consolidated data.

Other Europe: Albania, Bosnia and Herzegovina, Former Yugoslavia, Gibraltar, Iceland, North Macedonia, Montenegro, Norway, Serbia, Switzerland, United Kingdom

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

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

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

OTHER NOTES

Marketing Years (MY): MY 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 MY for that commodity (2021/22 starts in 2021); except for summer grains in certain Southern Hemisphere countries and for rice in selected countries, where the second year begins the MY (2021/22 starts in 2022). Key exporter MY'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)	Russia (Oct/Sep)	European Union (Jul/Jun)	United States (Sep/Aug)
China (Jul/Jun)	South Africa (May/Apr)	Kazakhstan (Jul/Jun)	
European Union (Jul/Jun)	Ukraine (Oct/Sep)	Russia (Jul/Jun)	
India (Apr/Mar)	United States (Sep/Aug)	Ukraine (Jul/Jun)	
Kazakhstan (Sep/Aug)		United States (Jun/May)	
Russia (Jul/Jun)			
Turkey (Jun/May)			
Ukraine (Jul/Jun)			
United States (Jun/May)			

For a complete list of local marketing years, please see the FAS website (<https://apps.fas.usda.gov/psdonline/>): go to Reports, Reference Data, and then Data Availability.

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 (TY 2021/22 corresponds to Jan – Dec 2022).

EU Consolidation:

Effective January 1, 2021, the separation of the United Kingdom (UK) from the European Union (EU) was complete, including trade between both entities. Starting in May 2021 with the release of 2021/22 data, grain PSDs reflect EU27 (shown in the PSD system as “European Union”) and UK separately.

Beginning with the release of 2021/22 data, historical data for both EU27 and the UK are provided for 5 years (2016/17 through 2020/21). The trade figures starting from 1999/00 through 2015/16 represent the European Union (EU27 plus UK) 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 (1001), flour (1101), bulgur (190430), and selected pasta products (190219, 190230, and 190240) on a grain-equivalent basis (all wheat flour and products are multiplied by 1.368). (2) Rice trade statistics include rough (100610), brown (100620), milled (100630), and broken (100640) on a milled-equivalent basis (rough rice is multiplied by 0.7 and brown rice is multiplied by 0.875). (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, Global Market Analysis, Foreign Agricultural Service, USDA, Washington, DC 20250, prepared this publication. 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.

Note: For further details on world grain production, please see [World Agricultural Production](#) April 2022. This publication 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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DATA TABLES

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All Grain Summary Comparison
Million Metric Tons

Marketing Year	Wheat			Rice, Milled			Corn			
	2019/20	2020/21	2021/22	2019/20	2020/21	2021/22	2019/20	2020/21	2021/22	
Production										
United States	(Jun-May)	52.6	49.8	44.8	5.9	7.2	6.1	346.0	358.4	383.9
Other		709.8	726.5	734.0	492.9	501.6	506.9	774.1	767.5	826.6
World Total		762.4	776.3	778.8	498.8	508.8	513.0	1,120.1	1,125.9	1,210.5
Domestic Consumption										
United States	(Jun-May)	30.4	30.5	30.6	4.6	4.8	4.6	309.5	306.5	315.9
Other		710.9	744.1	757.5	488.1	494.3	505.5	822.1	837.1	866.3
World Total		741.3	774.6	788.1	492.7	499.1	510.1	1,131.6	1,143.6	1,182.2
Ending Stocks										
United States	(Jun-May)	28.0	23.0	18.5	0.9	1.4	1.1	48.8	31.4	36.6
Other		268.8	267.7	259.9	180.7	185.6	187.7	257.6	260.8	268.9
World Total		296.8	290.7	278.4	181.6	187.0	188.8	306.4	292.2	305.5
TY Imports										
United States	(Jun-May)	2.8	2.7	2.7	1.2	1.0	1.0	1.0	0.6	0.7
Other		186.6	192.2	195.5	42.6	48.7	49.6	168.8	179.8	183.5
World Total		189.4	194.9	198.2	43.8	49.7	50.6	169.8	180.4	184.2
TY Exports										
United States	(Jun-May)	26.4	26.7	21.5	2.9	2.9	2.8	47.0	68.6	63.5
Other		168.0	172.0	180.2	42.4	48.7	49.7	128.7	115.1	126.2
World Total		194.4	198.7	201.7	45.3	51.6	52.5	175.7	183.7	189.7

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.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
TY Exports						
Argentina	14,000	12,680	13,608	9,597	14,500	15,000
Australia	15,512	9,835	10,118	19,720	27,000	27,000
Brazil	245	594	408	911	1,700	2,500
Canada	22,019	24,475	22,991	27,723	15,500	15,500
European Union	24,895	24,686	39,788	29,740	37,500	34,000
India	517	494	595	3,597	10,000	10,000
Kazakhstan	8,519	8,780	6,888	8,128	7,400	7,000
Russia	41,447	35,863	34,485	39,100	32,000	33,000
Turkey	6,725	6,676	6,633	6,571	6,250	6,250
Ukraine	17,775	16,019	21,016	16,851	20,000	19,000
Others	12,080	11,827	11,491	10,103	10,988	10,988
Subtotal	163,734	151,929	168,021	172,041	182,838	180,238
United States	23,230	26,202	26,390	26,702	22,000	21,500
World Total	186,964	178,131	194,411	198,743	204,838	201,738
TY Imports						
Afghanistan	3,300	3,700	3,000	3,000	2,600	2,600
Algeria	8,172	7,515	7,145	7,680	7,500	7,800
Bangladesh	6,472	5,100	6,800	7,200	7,500	7,500
Brazil	6,702	7,442	7,063	6,359	6,700	6,500
China	3,937	3,145	5,376	10,618	9,500	9,500
Colombia	1,952	1,705	2,276	1,906	2,000	2,000
Egypt	12,407	12,354	12,811	12,149	12,500	12,000
European Union	6,060	5,763	5,551	5,379	4,800	4,500
Indonesia	10,763	10,934	10,586	10,450	11,000	11,000
Iran	190	170	2,500	2,200	7,000	7,000
Iraq	4,264	4,031	2,242	2,175	3,100	2,600
Japan	5,876	5,726	5,683	5,493	5,600	5,400
Kenya	2,158	2,000	2,500	2,092	2,000	2,000
Korea, South	4,269	3,908	3,941	3,889	4,500	4,600
Mexico	5,245	4,861	5,080	4,724	5,100	5,100
Morocco	3,672	3,724	4,879	5,191	5,000	5,200
Nigeria	5,162	4,659	5,338	6,586	6,200	6,200
Philippines	6,059	7,570	7,065	6,113	6,500	6,300
Saudi Arabia	3,492	2,902	3,652	2,818	3,600	3,600
Thailand	3,173	2,899	3,501	3,306	2,900	2,900
Turkey	6,092	6,515	11,087	8,051	10,000	9,500
United Kingdom	2,299	2,793	1,745	3,221	2,300	2,300
Uzbekistan	3,119	2,837	2,746	3,758	3,200	3,200
Vietnam	4,709	3,500	3,570	3,900	4,100	4,100
Yemen	3,010	3,675	3,728	4,043	3,400	3,400
Others	56,085	51,468	56,751	59,885	59,889	58,719
Subtotal	178,639	170,896	186,616	192,186	198,489	195,519
Unaccounted	3,951	3,740	4,962	3,868	3,699	3,569
United States	4,374	3,495	2,833	2,689	2,650	2,650
World Total	186,964	178,131	194,411	198,743	204,838	201,738

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
Production						
Argentina	18,500	19,500	19,750	17,640	20,500	21,000
Australia	20,941	17,598	14,480	33,300	36,300	36,300
Brazil	4,264	5,428	5,200	6,250	7,700	7,700
Canada	30,377	32,352	32,670	35,183	21,652	21,652
China	134,241	131,441	133,600	134,250	136,946	136,946
Egypt	8,450	8,450	8,770	8,900	9,000	9,000
European Union	136,681	123,124	138,799	126,694	139,000	138,418
India	98,510	99,870	103,600	107,860	109,590	109,586
Iran	12,700	14,500	15,550	15,000	12,000	12,000
Kazakhstan	14,802	13,947	11,452	14,256	11,814	11,814
Pakistan	26,674	25,076	24,349	25,248	27,000	27,464
Russia	85,167	71,685	73,610	85,352	75,158	75,158
Turkey	21,000	19,000	17,500	18,250	16,250	16,250
Ukraine	26,981	25,057	29,171	25,420	33,000	33,000
United Kingdom	14,837	13,555	15,600	9,658	14,000	14,000
Others	60,061	59,619	65,690	63,252	63,822	63,750
Subtotal	714,186	680,202	709,791	726,513	733,732	734,038
United States	47,380	51,306	52,581	49,751	44,790	44,790
World Total	761,566	731,508	762,372	776,264	778,522	778,828
Total Consumption						
Algeria	10,450	10,750	10,950	11,250	11,370	11,570
Brazil	12,000	12,100	12,100	11,900	12,500	11,800
Canada	9,031	9,120	9,750	9,133	9,500	9,500
China	121,000	125,000	126,000	150,000	147,500	147,500
Egypt	19,800	20,100	20,300	20,600	21,000	20,500
European Union	113,500	106,300	107,250	104,750	107,650	108,250
India	95,677	95,629	95,403	102,217	103,500	107,911
Indonesia	10,600	10,600	10,300	10,100	10,500	10,600
Iran	15,900	16,100	17,200	17,400	18,200	18,200
Morocco	10,500	10,700	10,400	10,400	10,900	10,900
Pakistan	25,000	25,400	25,500	26,300	27,200	27,400
Russia	43,000	40,500	40,000	42,500	41,750	41,750
Turkey	18,300	18,800	20,000	20,600	21,250	20,600
Ukraine	9,800	8,800	8,300	8,700	9,600	10,000
United Kingdom	16,378	15,417	15,196	13,455	15,300	15,300
Others	180,629	177,826	182,170	184,775	186,892	185,787
Subtotal	713,015	705,192	716,317	751,952	756,448	760,516
United States	29,245	29,986	30,436	30,476	30,835	30,562
World Total	742,260	735,178	746,753	782,428	787,283	791,078
Ending Stocks						
Algeria	4,529	5,219	5,358	5,685	5,405	5,505
China	129,508	138,088	150,015	144,120	142,166	142,166
European Union	17,897	15,798	13,110	10,693	9,579	11,361
India	13,230	16,992	24,700	27,800	25,415	21,000
Pakistan	4,820	2,533	991	3,056	4,154	4,520
Russia	12,010	7,778	7,228	11,380	13,088	12,088
Ukraine	1,238	1,555	1,504	1,505	5,005	5,605
Others	71,742	63,862	65,939	63,426	58,931	57,721
Subtotal	254,974	251,825	268,845	267,665	263,743	259,966
United States	29,907	29,386	27,985	23,001	17,769	18,450
World Total	284,881	281,211	296,830	290,666	281,512	278,416

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Mar 2021/22	Apr 2021/22
TY Imports						
North America	10,071	8,832	8,589	7,962	8,350	8,350
Central America	1,910	1,928	2,074	2,147	2,150	2,150
South America	15,320	14,955	15,537	15,246	15,319	15,069
European Union	6,060	5,763	5,551	5,379	4,800	4,500
Other Europe	4,081	4,663	3,533	4,799	4,055	4,055
Former Soviet Union - 12	7,901	7,841	8,034	9,416	9,810	9,710
Middle East	25,517	24,687	31,100	27,178	35,880	34,680
North Africa	27,441	26,956	27,991	28,246	28,200	28,200
Sub-Saharan Africa	25,311	22,572	26,953	26,581	26,010	25,410
East Asia	16,533	15,011	17,270	22,206	21,700	21,480
South Asia	12,137	10,059	11,307	15,737	14,160	14,060
Southeast Asia	27,255	27,757	27,561	26,505	27,300	27,100
Others	3,476	3,367	3,949	3,473	3,405	3,405
Total	183,013	174,391	189,449	194,875	201,139	198,169
Production						
North America	81,251	86,658	88,521	87,899	69,722	69,723
South America	25,900	28,857	28,770	27,832	32,245	32,672
European Union	136,681	123,124	138,799	126,694	139,000	138,418
Other Europe	18,812	18,129	19,891	14,137	18,995	18,995
Former Soviet Union - 12	142,356	124,021	129,806	139,506	133,585	133,585
Middle East	40,285	38,879	43,246	43,372	34,742	34,742
North Africa	19,245	21,002	18,399	16,603	21,590	21,590
Sub-Saharan Africa	7,407	8,284	8,427	9,113	8,876	8,876
East Asia	135,552	132,834	135,199	135,744	138,705	138,705
South Asia	132,595	131,655	136,335	141,509	144,221	144,681
Oceania	21,346	17,969	14,878	33,754	36,741	36,741
Others	136	96	101	101	100	100
Total	761,566	731,508	762,372	776,264	778,522	778,828
Domestic Consumption						
North America	45,976	46,606	47,586	46,809	47,735	47,462
South America	28,948	28,895	29,665	29,785	30,755	29,945
European Union	113,500	106,300	107,250	104,750	107,650	108,250
Other Europe	21,418	20,697	20,466	18,770	20,685	20,685
Former Soviet Union - 12	81,395	77,135	75,975	79,010	78,790	79,290
Middle East	59,505	59,939	63,000	64,442	65,475	64,525
North Africa	45,225	46,100	46,250	46,820	47,920	47,620
Sub-Saharan Africa	31,887	30,321	33,076	34,483	34,315	33,765
East Asia	134,285	137,750	138,638	162,368	160,556	160,511
South Asia	138,550	138,996	139,880	148,236	150,626	155,237
Southeast Asia	26,395	26,165	26,355	25,830	26,575	26,475
Oceania	9,905	10,610	9,410	9,435	10,455	10,455
Others	3,821	3,614	3,704	3,818	3,910	3,910
Total	740,810	733,128	741,255	774,556	785,447	788,130
Ending Stocks						
North America	37,407	36,030	33,869	28,929	21,151	21,811
South America	4,037	4,796	5,503	5,275	5,266	5,107
European Union	17,897	15,798	13,110	10,693	9,579	11,361
Other Europe	3,085	3,224	3,865	2,521	3,066	3,066
Former Soviet Union - 12	21,055	14,772	13,422	18,797	23,152	22,952
Middle East	18,197	14,272	17,569	16,451	14,390	13,335
North Africa	14,871	15,537	14,357	11,835	13,100	13,400
Sub-Saharan Africa	3,391	2,925	4,114	4,137	3,697	3,497
East Asia	132,655	141,028	153,011	147,013	145,042	144,967
South Asia	21,313	21,466	28,203	34,042	32,465	28,416
Southeast Asia	5,679	6,186	6,240	5,729	5,294	5,194
Oceania	4,897	4,769	3,029	4,640	4,661	4,661
Others	397	408	538	604	649	649
Total	284,881	281,211	296,830	290,666	281,512	278,416

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 Rice Trade
January/December Year, Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
TY Exports						
Argentina	375	388	335	400	370	370
Australia	262	134	42	73	250	250
Brazil	1,245	954	1,240	782	800	800
Burma	2,750	2,700	2,300	1,900	1,900	2,100
Cambodia	1,300	1,350	1,350	1,850	1,400	1,400
China	2,059	2,720	2,265	2,407	2,250	2,250
European Union	527	506	543	413	440	440
Guyana	448	511	552	406	430	430
India	11,791	9,813	14,577	21,191	20,500	21,000
Pakistan	3,913	4,550	3,934	3,928	4,150	4,350
Paraguay	653	689	803	640	630	630
Thailand	11,213	7,562	5,706	6,062	6,600	6,800
Turkey	213	202	234	241	230	230
Uruguay	802	809	969	705	820	820
Vietnam	6,590	6,581	6,167	6,272	6,500	6,500
Others	1,371	1,309	1,436	1,439	1,352	1,392
Subtotal	45,512	40,778	42,453	48,709	48,622	49,762
United States	2,776	3,142	2,858	2,915	2,775	2,775
World Total	48,288	43,920	45,311	51,624	51,397	52,537
TY Imports						
Brazil	537	691	876	685	680	800
China	4,500	2,800	3,200	4,921	4,700	5,200
Cote d'Ivoire	1,500	1,350	1,100	1,450	1,450	1,450
Egypt	230	665	309	326	800	800
Ethiopia	600	520	700	850	950	950
European Union	1,621	1,759	1,940	1,820	1,925	2,100
Ghana	830	900	850	1,050	950	950
Guinea	865	530	670	940	800	800
Indonesia	2,350	600	550	650	600	750
Iran	1,250	1,400	1,125	875	1,200	1,200
Iraq	1,237	1,263	970	1,280	1,250	1,250
Japan	670	678	676	662	685	685
Madagascar	390	440	450	560	700	700
Malaysia	800	1,000	1,220	1,150	1,200	1,200
Mexico	776	740	843	775	800	800
Mozambique	530	635	655	700	700	700
Nepal	700	620	980	1,240	1,350	1,350
Nigeria	2,100	1,800	1,800	2,100	2,200	2,200
Philippines	2,500	2,900	2,450	2,950	2,900	3,000
Saudi Arabia	1,290	1,425	1,613	1,200	1,400	1,400
Senegal	1,100	1,000	1,050	1,250	1,100	1,100
South Africa	1,071	944	1,000	1,000	1,000	1,000
Sri Lanka	249	24	16	147	650	650
United Arab Emirates	775	850	850	750	900	900
Vietnam	500	500	400	1,800	600	800
Others	16,373	15,292	16,294	17,605	16,978	16,878
Subtotal	45,344	41,326	42,587	48,736	48,468	49,613
Unaccounted	2,028	1,612	1,514	1,909	1,929	1,924
United States	916	982	1,210	979	1,000	1,000
World Total	48,288	43,920	45,311	51,624	51,397	52,537

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

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
Milled Production						
Bangladesh	32,650	34,909	35,850	34,600	35,850	35,850
Brazil	8,204	7,140	7,602	8,001	7,276	7,140
Burma	13,200	13,200	12,650	12,600	12,600	12,600
Cambodia	5,554	5,742	5,740	5,783	5,900	5,900
China	148,873	148,490	146,730	148,300	148,990	148,990
India	112,760	116,480	118,870	124,368	129,000	129,000
Indonesia	37,000	34,200	34,700	34,500	35,400	34,400
Japan	7,787	7,657	7,611	7,573	7,560	7,560
Korea, South	3,972	3,868	3,744	3,507	3,882	3,882
Nepal	3,431	3,736	3,696	3,696	3,700	3,700
Nigeria	4,470	4,538	5,040	4,890	5,000	5,000
Pakistan	7,450	7,202	7,414	8,420	8,700	8,700
Philippines	12,235	11,732	11,927	12,416	12,400	12,400
Thailand	20,577	20,340	17,655	18,863	19,700	19,700
Vietnam	27,657	27,344	27,100	27,381	27,194	27,194
Others	43,511	44,042	46,616	46,720	44,825	44,919
Subtotal	489,331	490,620	492,945	501,618	507,977	506,935
United States	5,659	7,107	5,877	7,224	6,090	6,090
World Total	494,990	497,727	498,822	508,842	514,067	513,025
Consumption and Residual						
Bangladesh	35,200	35,400	35,700	36,100	36,700	36,700
Brazil	7,650	7,350	7,300	7,350	7,450	7,400
Burma	10,200	10,250	10,400	10,550	10,650	10,650
Cambodia	4,200	4,300	4,350	4,300	4,500	4,500
China	142,509	142,920	145,230	150,293	154,840	155,440
Egypt	4,200	4,200	4,300	4,300	4,250	4,250
India	98,669	99,160	101,950	101,069	103,500	103,500
Indonesia	37,000	36,300	36,000	35,400	35,600	35,200
Japan	8,600	8,400	8,350	8,200	8,200	8,200
Nepal	4,101	4,376	4,521	4,924	5,000	5,000
Nigeria	6,750	6,800	6,850	7,100	7,200	7,200
Pakistan	3,350	3,200	3,400	3,800	4,100	4,100
Philippines	13,250	14,100	14,300	14,450	14,950	15,150
Thailand	11,000	11,800	12,300	12,700	13,000	13,000
Vietnam	21,500	21,200	21,250	21,450	21,500	21,500
Others	68,673	70,618	71,919	72,230	73,729	73,739
Subtotal	477,438	480,384	489,207	498,650	506,437	506,572
United States	4,299	4,577	4,586	4,847	4,619	4,619
World Total	481,737	484,961	493,793	503,497	511,056	511,191
Ending Stocks						
China	109,000	115,000	116,500	116,500	113,000	113,000
India	22,600	29,500	33,900	37,000	42,000	41,500
Indonesia	5,563	4,063	3,313	3,060	3,810	3,010
Pakistan	1,431	948	1,149	1,899	2,353	2,154
Philippines	2,288	3,520	3,597	3,763	4,213	4,213
Thailand	2,852	4,080	3,979	4,280	4,580	4,380
Vietnam	1,034	1,097	1,180	2,639	2,433	2,633
Others	18,141	16,976	17,109	16,454	17,037	16,831
Subtotal	162,909	175,184	180,727	185,595	189,426	187,721
United States	933	1,424	910	1,387	1,095	1,095
World Total	163,842	176,608	181,637	186,982	190,521	188,816

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Mar 2021/22	Apr 2021/22
TY Imports						
North America	2,075	2,143	2,530	2,163	2,245	2,245
Caribbean	1,067	1,076	1,211	1,003	1,130	1,130
South America	1,952	1,936	2,290	1,753	1,872	1,992
Other Europe	647	707	777	710	775	775
Former Soviet Union - 12	555	569	517	585	569	569
Middle East	6,655	7,208	6,957	6,159	7,040	7,040
North Africa	591	1,022	575	595	1,085	1,085
Sub-Saharan Africa	14,589	13,815	14,315	15,915	16,460	16,460
East Asia	6,141	4,404	4,805	6,562	6,415	6,915
South Asia	2,644	951	1,405	4,369	3,005	2,905
Southeast Asia	6,795	5,815	5,399	7,232	5,962	6,412
European Union	1,621	1,759	1,940	1,820	1,925	2,100
Total	46,260	42,308	43,797	49,715	49,468	50,613
Production						
North America	5,842	7,295	6,052	7,425	6,283	6,273
Caribbean	932	1,010	957	886	876	876
South America	16,945	15,963	16,238	17,068	16,090	16,072
European Union	2,030	1,965	1,990	1,926	1,854	1,840
Former Soviet Union - 12	1,236	1,283	1,349	1,386	1,299	1,299
Middle East	2,658	2,616	2,950	2,896	2,691	2,691
North Africa	4,340	2,844	4,345	4,042	2,945	2,945
Sub-Saharan Africa	17,614	19,490	20,466	20,119	20,349	20,349
East Asia	163,420	162,732	161,159	162,004	163,017	163,017
South Asia	158,759	165,688	169,414	174,817	180,514	180,514
Southeast Asia	120,044	116,064	113,198	115,244	116,945	115,945
Total	494,990	497,727	498,822	508,842	514,067	513,025
Domestic Consumption						
North America	5,577	5,911	5,982	6,219	5,999	5,999
Central America	1,342	1,358	1,385	1,340	1,380	1,380
Caribbean	1,984	2,111	2,021	1,945	1,981	1,981
South America	15,025	14,855	14,862	14,953	15,143	15,103
European Union	3,121	3,246	3,394	3,400	3,440	3,440
Former Soviet Union - 12	1,603	1,587	1,596	1,677	1,661	1,661
Middle East	9,018	9,207	9,426	9,112	9,240	9,240
North Africa	4,620	4,591	4,604	4,625	4,580	4,580
Sub-Saharan Africa	31,759	33,607	34,245	35,358	36,223	36,223
East Asia	159,061	158,933	161,013	165,530	170,040	170,640
South Asia	144,670	145,573	149,359	149,838	153,540	153,540
Southeast Asia	102,274	102,952	103,718	103,994	105,426	105,226
Total	481,151	484,951	492,706	499,063	509,788	510,148
Ending Stocks						
North America	1,084	1,578	1,085	1,595	1,316	1,306
Central America	299	309	333	208	255	255
Caribbean	275	303	327	329	339	339
South America	2,294	1,922	1,528	2,100	1,607	1,760
European Union	1,153	1,137	1,162	967	1,056	1,027
Middle East	1,004	1,183	1,732	1,437	1,578	1,578
North Africa	1,563	949	1,232	1,150	695	695
Sub-Saharan Africa	3,192	2,991	2,418	2,150	2,256	2,256
East Asia	113,196	118,766	120,224	119,951	116,698	116,678
South Asia	25,847	32,370	37,257	41,144	47,355	46,556
Southeast Asia	13,557	14,880	14,112	15,600	16,981	15,981
Oceania	232	52	15	95	155	155
Total	163,842	176,608	181,637	186,982	190,521	188,816

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 Coarse Grain Trade
October/September Year, Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
TY Exports						
Argentina	27,208	36,134	42,943	40,977	48,602	48,602
Australia	7,156	4,049	3,627	9,679	11,275	11,275
Brazil	25,121	38,812	34,141	27,504	32,525	34,025
Burma	1,350	1,500	2,209	1,850	1,800	1,800
Canada	5,753	5,805	5,278	7,190	4,250	5,050
European Union	8,885	10,412	13,492	12,552	12,725	12,715
India	1,200	537	1,158	3,735	2,855	3,352
Russia	11,379	7,402	9,292	9,871	9,200	9,200
South Africa	2,368	1,190	2,465	2,756	3,510	3,510
Ukraine	21,438	34,874	34,088	29,049	33,580	29,080
Others	11,524	14,542	13,331	13,007	10,955	9,611
Subtotal	123,382	155,257	162,024	158,170	171,277	168,220
United States	68,633	51,838	52,589	76,014	71,710	71,665
World Total	192,015	207,095	214,613	234,184	242,987	239,885
TY Imports						
Algeria	4,492	5,284	5,672	4,977	5,010	5,010
Bangladesh	1,145	1,385	2,010	1,847	2,010	2,010
Brazil	1,527	1,797	1,995	2,679	3,001	3,001
Canada	1,837	2,570	1,972	1,869	3,962	3,962
Chile	1,976	2,431	2,838	2,557	2,840	2,540
China	16,425	10,540	17,480	50,531	47,350	44,350
Colombia	5,582	6,390	6,285	6,132	6,480	6,380
Egypt	9,541	9,568	10,444	9,653	9,720	9,720
European Union	19,311	26,290	18,675	15,820	16,450	16,250
Guatemala	1,091	1,224	1,527	1,346	1,700	1,700
Iran	11,600	12,200	9,100	10,200	10,900	11,100
Israel	2,145	1,896	2,397	1,995	1,900	1,890
Japan	17,563	17,726	17,633	16,980	17,240	17,220
Jordan	1,422	1,666	1,506	1,487	1,800	1,800
Korea, South	10,192	10,964	11,978	11,804	11,810	11,810
Malaysia	3,668	3,690	3,806	3,726	3,925	3,925
Mexico	16,396	17,415	17,576	17,301	18,050	18,050
Morocco	2,647	3,028	4,052	2,938	3,107	3,107
Peru	3,462	3,875	4,090	3,851	4,180	4,180
Saudi Arabia	11,692	9,368	11,825	9,127	9,710	9,710
Taiwan	4,513	4,610	4,660	4,472	4,585	4,585
Thailand	847	1,406	2,287	2,889	2,600	2,600
Turkey	4,184	4,044	4,011	3,428	4,950	5,050
United Kingdom	2,631	3,087	2,674	2,934	2,847	2,847
Vietnam	9,577	11,033	12,198	11,947	12,300	12,300
Others	22,351	23,225	24,721	24,271	25,051	24,858
Subtotal	187,817	196,712	203,412	226,761	233,478	229,955
Unaccounted	1,272	7,758	8,209	4,893	7,058	7,479
United States	2,926	2,625	2,992	2,530	2,451	2,451
World Total	192,015	207,095	214,613	234,184	242,987	239,885

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
Production						
Argentina	39,320	58,798	57,940	60,002	62,386	62,386
Australia	12,191	11,507	12,001	16,687	18,097	18,097
Brazil	85,058	104,334	105,815	90,962	118,023	120,023
Canada	26,243	26,203	28,611	29,644	24,214	24,214
China	265,719	265,006	269,067	269,083	280,852	280,852
Ethiopia	18,643	17,929	18,406	18,616	17,650	17,650
European Union	143,907	140,703	152,817	155,354	154,815	154,075
India	46,943	43,212	47,660	51,387	50,066	50,056
Indonesia	11,900	12,000	12,000	12,600	12,000	12,700
Mexico	33,191	33,470	32,095	32,662	33,350	33,350
Nigeria	18,859	19,840	19,665	18,570	20,400	20,400
Russia	41,715	34,998	40,495	41,396	38,538	38,538
South Africa	13,552	12,417	16,367	17,814	16,854	16,854
Turkey	12,271	13,251	14,451	15,761	11,581	11,581
Ukraine	34,071	44,503	46,545	39,585	53,265	53,265
Others	174,820	186,179	184,315	193,579	188,095	188,804
Subtotal	978,403	1,024,350	1,058,250	1,063,702	1,100,186	1,102,845
United States	384,387	377,905	359,434	372,887	398,707	398,707
World Total	1,362,790	1,402,255	1,417,684	1,436,589	1,498,893	1,501,552
Domestic Consumption						
Argentina	17,513	17,791	17,575	17,012	17,631	17,631
Brazil	67,181	70,983	72,844	73,955	77,026	77,526
Canada	23,126	24,114	24,930	24,683	24,848	24,448
China	282,598	287,812	296,210	313,107	324,550	321,550
Egypt	16,779	17,136	17,964	17,265	17,078	17,078
Ethiopia	18,556	18,161	18,451	18,878	17,925	17,925
European Union	152,900	158,504	158,938	159,668	158,473	156,873
India	44,769	44,571	45,775	47,546	47,540	47,040
Japan	17,642	17,953	17,867	17,290	17,771	17,551
Mexico	48,410	50,505	50,310	49,835	50,540	50,540
Nigeria	19,550	20,069	19,900	18,900	20,250	20,250
Russia	31,015	27,367	31,387	31,042	29,909	29,909
Turkey	15,361	16,651	17,761	18,051	17,301	17,301
Ukraine	11,772	11,358	11,994	12,407	16,017	18,317
Vietnam	13,777	14,333	14,750	17,200	16,450	16,450
Others	275,788	286,202	289,679	300,723	300,826	302,156
Subtotal	1,052,399	1,100,357	1,112,089	1,136,261	1,169,158	1,168,044
United States	324,417	322,984	320,728	315,700	324,381	324,617
World Total	1,376,816	1,423,341	1,432,817	1,451,961	1,493,539	1,492,661
Ending Stocks						
Brazil	9,707	5,671	5,821	5,142	5,690	5,615
China	222,994	210,660	200,956	207,455	211,057	211,057
European Union	16,235	14,505	14,157	14,262	14,174	15,049
India	3,530	2,072	3,093	3,427	3,226	3,191
Mexico	6,181	5,784	4,138	3,604	3,863	3,863
South Africa	2,909	1,346	2,439	3,132	2,773	2,773
Ukraine	2,908	2,043	2,550	1,654	5,318	7,518
Others	50,553	49,298	51,733	48,656	40,825	42,238
Subtotal	315,017	291,379	284,887	287,332	286,926	291,304
United States	57,919	60,471	51,830	34,013	39,132	38,932
World Total	372,936	351,850	336,717	321,345	326,058	330,236

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Mar 2021/22	Apr 2021/22
TY Imports						
North America	21,159	22,610	22,540	21,700	24,463	24,463
Central America	4,001	4,352	4,904	4,739	5,450	5,450
Caribbean	2,446	2,379	2,275	2,399	2,623	2,623
South America	14,810	15,686	16,998	16,843	18,198	17,713
European Union	19,311	26,290	18,675	15,820	16,450	16,250
Former Soviet Union - 12	701	1,025	1,134	763	850	788
Middle East	35,950	34,061	34,003	32,165	34,781	35,071
North Africa	19,245	20,875	23,565	21,163	20,987	20,987
Sub-Saharan Africa	3,287	3,494	3,857	3,537	3,893	3,888
East Asia	48,740	43,904	51,829	83,826	81,035	78,015
Southeast Asia	15,552	17,874	19,960	19,999	20,665	20,665
Others	5,541	6,787	6,664	6,337	6,534	6,493
Total	190,743	199,337	206,404	229,291	235,929	232,406
Production						
North America	443,821	437,578	420,140	435,193	456,271	456,271
South America	139,418	178,754	178,266	164,986	194,886	197,115
European Union	143,907	140,703	152,817	155,354	154,815	154,075
Other Europe	15,514	18,627	20,759	21,728	18,293	18,293
Former Soviet Union - 12	88,881	93,534	101,501	94,637	104,629	104,629
Middle East	19,357	19,435	24,127	25,295	18,135	18,135
North Africa	11,463	13,190	11,593	10,459	12,669	12,449
Sub-Saharan Africa	119,324	122,845	121,436	130,081	130,198	130,198
East Asia	268,365	268,346	272,204	271,809	283,699	283,699
South Asia	60,202	57,708	64,064	69,404	67,273	67,963
Southeast Asia	34,841	34,883	33,642	35,987	34,820	35,520
Oceania	12,700	12,103	12,608	17,238	18,650	18,650
Others	4,997	4,549	4,527	4,418	4,555	4,555
Total	1,362,790	1,402,255	1,417,684	1,436,589	1,498,893	1,501,552
Domestic Consumption						
North America	395,953	397,603	395,968	390,218	399,769	399,605
South America	110,739	115,248	117,479	117,856	122,339	122,779
European Union	152,900	158,504	158,938	159,668	158,473	156,873
Other Europe	17,285	18,156	18,590	20,824	18,993	19,001
Former Soviet Union - 12	54,607	51,017	56,418	56,524	58,018	60,380
Middle East	54,733	54,897	56,220	56,135	54,767	55,097
North Africa	31,665	32,563	35,509	33,132	33,585	33,435
Sub-Saharan Africa	120,282	125,355	122,393	127,858	129,643	129,683
East Asia	317,259	324,394	333,535	349,451	361,564	358,244
South Asia	60,446	60,944	63,620	68,322	67,570	67,770
Southeast Asia	47,320	48,199	48,301	53,859	53,263	53,763
Oceania	6,482	8,138	8,308	7,709	8,111	8,111
Others	11,483	11,476	11,784	11,706	12,421	12,421
Total	1,381,154	1,406,494	1,427,063	1,453,262	1,478,516	1,477,162
Ending Stocks						
North America	68,663	69,543	59,951	41,226	45,682	45,082
South America	16,840	12,817	13,727	9,935	9,981	10,040
European Union	16,235	14,505	14,157	14,262	14,174	15,049
Other Europe	2,359	2,827	3,005	2,916	2,472	3,472
Former Soviet Union - 12	5,943	4,973	6,280	5,218	8,213	10,398
Middle East	7,199	5,566	6,520	6,222	4,821	4,921
North Africa	3,324	3,777	3,846	3,185	3,251	3,181
Sub-Saharan Africa	12,825	11,016	10,162	11,441	11,146	11,141
East Asia	227,462	215,242	205,707	211,883	215,021	215,303
South Asia	5,142	3,772	5,062	5,712	4,870	4,722
Southeast Asia	3,241	4,146	4,271	6,031	3,474	3,974
Oceania	2,391	2,516	3,098	2,435	1,882	1,882
Others	1,312	1,150	931	879	1,071	1,071
Total	372,936	351,850	336,717	321,345	326,058	330,236

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 Corn Trade
October/September Year, Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
TY Exports						
Argentina	24,198	32,879	39,917	36,544	42,500	42,500
Brazil	25,116	38,773	34,137	27,492	32,500	34,000
Burma	1,350	1,500	2,209	1,850	1,800	1,800
Canada	1,973	1,719	712	1,561	1,000	1,800
European Union	2,732	4,273	5,388	3,735	4,900	4,900
India	1,076	482	1,125	3,677	2,800	3,300
Paraguay	1,476	2,559	2,081	2,563	1,700	1,500
Russia	5,532	2,770	4,072	3,989	4,500	4,500
South Africa	2,361	1,183	2,456	2,751	3,500	3,500
Ukraine	18,036	30,321	28,929	23,864	27,500	23,000
Others	6,864	7,882	7,711	7,115	6,426	5,426
Subtotal	90,714	124,341	128,737	115,141	129,126	126,226
United States	63,657	49,297	46,992	68,558	63,500	63,500
World Total	154,371	173,638	175,729	183,699	192,626	189,726
TY Imports						
Algeria	4,046	4,816	5,156	4,186	4,300	4,300
Bangladesh	1,145	1,358	2,003	1,838	2,000	2,000
Brazil	943	1,189	1,346	2,281	2,500	2,500
Canada	1,767	2,521	1,867	1,548	3,800	3,800
Chile	1,893	2,292	2,751	2,333	2,700	2,400
China	3,456	4,483	7,580	29,512	26,000	23,000
Colombia	5,201	6,048	5,976	5,795	6,100	6,000
Dominican Republic	1,329	1,536	1,354	1,495	1,400	1,400
Egypt	9,464	9,367	10,432	9,633	9,700	9,700
European Union	17,667	23,583	17,384	14,493	15,000	15,000
Guatemala	1,091	1,224	1,527	1,346	1,700	1,700
Iran	8,900	9,000	6,800	7,200	8,300	8,500
Israel	1,861	1,611	1,992	1,493	1,500	1,500
Japan	15,668	16,050	15,888	15,479	15,600	15,600
Korea, South	10,018	10,856	11,882	11,708	11,700	11,700
Malaysia	3,645	3,674	3,777	3,700	3,900	3,900
Mexico	16,129	16,658	16,526	16,498	17,300	17,300
Morocco	2,283	2,728	2,963	2,474	2,800	2,800
Peru	3,377	3,726	3,938	3,679	4,000	4,000
Saudi Arabia	3,983	3,662	4,517	3,017	3,800	3,800
Taiwan	4,410	4,508	4,580	4,386	4,500	4,500
Thailand	700	1,200	1,602	1,846	1,800	1,800
Turkey	3,410	3,669	3,004	1,794	2,800	2,800
United Kingdom	2,470	2,949	2,528	2,766	2,700	2,700
Vietnam	9,400	10,900	12,000	11,200	11,500	11,500
Others	17,374	17,570	19,463	18,038	19,487	19,362
Subtotal	151,630	167,178	168,836	179,738	186,887	183,562
Unaccounted	1,903	5,660	5,934	3,332	5,089	5,514
United States	838	800	959	629	650	650
World Total	154,371	173,638	175,729	183,699	192,626	189,726

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
Production						
Argentina	32,000	51,000	51,000	52,000	53,000	53,000
Brazil	82,000	101,000	102,000	87,000	114,000	116,000
Canada	14,096	13,885	13,404	13,563	13,984	13,984
China	259,071	257,174	260,779	260,670	272,552	272,552
Ethiopia	10,488	10,120	9,636	10,557	9,000	9,000
European Union	62,021	64,351	66,742	67,140	69,800	70,499
India	28,753	27,715	28,766	31,647	32,500	32,500
Indonesia	11,900	12,000	12,000	12,600	12,000	12,700
Mexico	27,569	27,671	26,658	27,346	27,600	27,600
Nigeria	10,420	11,000	11,000	10,000	11,600	11,600
Pakistan	5,902	6,826	7,883	8,940	7,600	8,300
Philippines	7,980	7,608	8,030	8,352	8,100	8,100
Russia	13,201	11,415	14,275	13,872	15,225	15,225
South Africa	13,104	11,824	15,844	16,951	16,300	16,300
Ukraine	24,115	35,805	35,887	30,297	41,900	41,900
Others	108,038	113,929	110,264	116,497	117,040	117,250
Subtotal	710,658	763,323	774,168	767,432	822,201	826,510
United States	371,096	364,262	345,962	358,447	383,943	383,943
World Total	1,081,754	1,127,585	1,120,130	1,125,879	1,206,144	1,210,453
Total Consumption						
Argentina	12,400	13,800	13,500	13,500	14,000	14,000
Brazil	63,500	67,000	68,500	69,500	72,500	73,000
Canada	13,909	15,088	13,958	14,012	17,000	16,600
China	263,000	274,000	278,000	285,000	294,000	291,000
Egypt	15,900	16,200	16,900	16,400	16,200	16,200
European Union	75,200	85,000	79,000	77,400	79,800	79,800
India	26,700	28,500	27,200	27,850	29,800	29,300
Indonesia	12,400	12,900	12,600	13,300	13,300	13,800
Japan	15,600	16,000	15,950	15,450	15,850	15,650
Korea, South	10,000	10,947	11,795	11,780	11,850	11,750
Mexico	42,500	44,100	43,800	43,800	44,200	44,200
Nigeria	11,100	11,300	11,250	10,350	11,600	11,600
South Africa	12,230	12,536	12,200	13,000	13,300	13,300
Ukraine	6,150	6,200	6,400	7,100	10,900	13,200
Vietnam	13,600	14,200	14,550	16,450	15,650	15,650
Others	187,313	192,524	196,440	202,147	206,533	207,333
Subtotal	778,182	836,262	826,624	833,560	880,757	881,282
United States	313,991	310,391	309,547	306,542	315,863	315,863
World Total	1,092,173	1,146,653	1,136,171	1,140,102	1,196,620	1,197,145
Ending Stocks						
Brazil	9,315	5,311	5,328	4,653	5,228	5,153
China	222,541	210,179	200,526	205,704	210,236	210,236
European Union	8,983	7,644	7,382	7,880	7,729	8,679
Korea, South	1,848	1,835	1,998	2,004	1,858	2,029
Mexico	5,649	5,160	3,515	3,079	3,179	3,179
South Africa	2,672	1,020	2,117	2,578	2,378	2,378
Ukraine	1,567	891	1,478	832	4,347	6,547
Others	34,540	33,964	35,272	34,062	29,445	30,687
Subtotal	287,115	266,004	257,616	260,792	264,400	268,888
United States	54,367	56,410	48,757	31,358	36,570	36,570
World Total	341,482	322,414	306,373	292,150	300,970	305,458

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Mar 2021/22	Apr 2021/22
TY Imports						
North America	18,734	19,979	19,352	18,675	21,750	21,750
Central America	4,001	4,352	4,904	4,739	5,450	5,450
South America	13,542	14,349	15,696	15,639	16,920	16,435
European Union	17,667	23,583	17,384	14,493	15,000	15,000
Former Soviet Union - 12	440	588	564	315	441	381
Middle East	22,130	22,038	21,005	18,175	21,060	21,260
North Africa	17,246	18,531	20,306	17,899	18,400	18,400
Sub-Saharan Africa	2,480	2,793	3,110	2,889	2,995	2,995
East Asia	33,599	35,961	40,008	61,124	57,850	54,850
Southeast Asia	15,183	17,483	19,007	18,155	19,015	19,015
Caribbean	2,446	2,377	2,275	2,396	2,620	2,620
Others	5,000	5,944	6,184	5,868	6,036	6,056
Total	152,468	167,978	169,795	180,367	187,537	184,212
Production						
North America	412,761	405,818	386,024	399,356	425,527	425,527
South America	126,268	164,749	164,604	149,753	178,100	180,310
European Union	62,021	64,351	66,742	67,140	69,800	70,499
Other Europe	5,397	9,411	9,455	10,300	7,880	7,880
Former Soviet Union - 12	42,257	53,119	56,099	48,937	63,241	63,241
Middle East	6,966	7,319	7,945	9,060	8,469	8,469
North Africa	6,523	6,919	6,441	6,431	6,521	6,521
Sub-Saharan Africa	77,434	75,246	77,381	82,913	83,597	83,597
East Asia	261,417	260,184	263,488	263,026	275,012	275,012
South Asia	40,972	41,202	43,965	48,620	48,583	49,283
Central America	3,877	3,441	3,516	3,465	3,606	3,606
Southeast Asia	34,551	34,593	33,352	35,697	34,530	35,230
Others	1,310	1,233	1,118	1,181	1,278	1,278
Total	1,081,754	1,127,585	1,120,130	1,125,879	1,206,144	1,210,453
Domestic Consumption						
North America	370,400	369,579	367,305	364,354	377,063	376,663
South America	98,398	103,926	105,552	106,189	110,315	110,740
European Union	75,200	85,000	79,000	77,400	79,800	79,800
Other Europe	8,002	9,433	9,286	10,235	9,508	9,528
Former Soviet Union - 12	19,202	20,312	21,985	22,245	27,295	29,550
Middle East	27,919	28,778	28,114	26,901	29,485	29,685
North Africa	24,400	24,600	27,190	25,730	25,000	25,000
Sub-Saharan Africa	77,131	77,690	77,240	80,137	82,300	82,300
East Asia	295,227	308,273	313,031	319,169	328,750	325,450
South Asia	41,206	43,789	43,816	47,562	48,685	48,885
Southeast Asia	46,667	47,519	47,066	51,717	51,325	51,825
Central America	7,830	7,990	8,370	8,410	8,810	8,810
Others	3,911	3,797	3,635	3,532	4,010	4,010
Total	1,095,493	1,130,686	1,131,590	1,143,581	1,182,346	1,182,246
Ending Stocks						
North America	62,433	63,549	54,832	36,606	41,702	41,302
South America	15,118	10,894	11,831	8,129	8,280	8,328
European Union	8,983	7,644	7,382	7,880	7,729	8,679
Other Europe	919	1,433	1,318	1,537	1,072	2,072
Former Soviet Union - 12	2,582	2,200	3,260	2,213	5,898	8,083
Middle East	3,213	2,919	3,196	3,090	2,844	2,844
North Africa	2,462	2,473	2,379	1,821	1,737	1,737
Sub-Saharan Africa	10,617	8,466	8,201	9,642	9,481	9,481
East Asia	226,591	214,436	204,897	209,874	213,945	214,266
South Asia	3,928	3,032	3,821	4,366	3,655	3,539
Southeast Asia	3,230	4,135	4,262	6,025	3,468	3,968
Central America	1,052	903	797	692	923	923
Others	354	330	197	275	236	236
Total	341,482	322,414	306,373	292,150	300,970	305,458

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
TY Exports						
Argentina	2,537	3,001	2,598	2,458	3,500	3,500
Australia	6,088	3,666	3,231	8,007	9,000	9,000
Canada	1,868	2,269	2,520	3,520	1,800	1,800
European Union	5,894	5,809	7,579	8,558	7,500	7,500
Kazakhstan	1,411	1,762	1,292	1,028	700	600
Moldova	85	53	25	40	150	150
Russia	5,661	4,320	5,141	5,691	4,500	4,500
Ukraine	3,188	4,407	4,990	5,053	5,800	5,800
United Kingdom	896	1,538	1,404	1,292	1,000	1,000
Uruguay	12	62	41	185	250	250
Others	258	239	448	516	308	306
Subtotal	27,898	27,126	29,269	36,348	34,508	34,406
United States	102	101	155	350	175	125
World Total	28,000	27,227	29,424	36,698	34,683	34,531
TY Imports						
Algeria	439	467	503	780	700	700
Brazil	584	608	647	398	500	500
China	8,144	5,181	5,969	12,049	10,500	10,500
Colombia	324	341	308	336	350	350
European Union	979	1,762	1,089	1,150	1,200	1,000
Iran	2,700	3,200	2,300	3,000	2,600	2,600
Israel	234	236	358	461	350	350
Japan	1,253	1,158	1,253	1,132	1,250	1,250
Jordan	788	928	564	658	800	800
Kuwait	521	474	522	507	500	500
Libya	438	888	891	1,039	850	850
Mexico	1	82	346	499	400	400
Morocco	363	299	1,073	456	300	300
Qatar	229	288	349	358	450	450
Saudi Arabia	7,700	5,700	7,300	6,100	5,900	5,900
Thailand	147	206	685	1,043	800	800
Tunisia	674	487	751	950	700	700
Turkey	774	375	1,007	1,634	2,100	2,200
United Arab Emirates	263	476	443	519	500	500
Vietnam	177	133	198	747	800	800
Others	1,551	1,846	1,309	2,033	1,706	1,647
Subtotal	28,283	25,135	27,865	35,849	33,256	33,097
Unaccounted	-453	1,959	1,402	713	1,177	1,184
United States	170	133	157	136	250	250
World Total	28,000	27,227	29,424	36,698	34,683	34,531

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
Production						
Algeria	968	1,950	2,000	1,845	1,600	1,600
Argentina	3,740	4,635	3,615	4,035	4,800	4,800
Australia	9,254	8,819	10,127	13,100	13,700	13,700
Canada	7,891	8,380	10,383	10,741	6,948	6,948
China	1,085	2,021	2,011	2,036	2,000	2,000
Ethiopia	1,960	1,749	2,378	2,339	2,350	2,350
European Union	51,482	49,470	55,180	54,324	52,800	51,972
India	1,747	1,781	1,633	1,720	1,666	1,656
Iran	3,100	2,800	3,600	3,600	2,700	2,700
Kazakhstan	3,305	3,971	3,830	3,659	2,367	2,367
Morocco	2,466	2,919	1,161	640	2,780	2,780
Russia	20,211	16,737	19,939	20,629	17,505	17,505
Turkey	6,400	7,000	7,900	8,100	4,500	4,500
Ukraine	8,695	7,604	9,528	7,947	9,900	9,900
United Kingdom	7,169	6,510	8,048	8,117	7,000	7,000
Others	10,572	9,927	13,667	13,556	10,965	10,764
Subtotal	140,045	136,273	155,000	156,388	143,581	142,542
United States	3,119	3,343	3,756	3,719	2,562	2,562
World Total	143,164	139,616	158,756	160,107	146,143	145,104
Total Consumption						
Algeria	1,850	2,000	2,350	2,650	2,550	2,550
Australia	3,700	5,000	6,000	5,500	5,500	5,500
Canada	6,805	6,508	8,108	7,747	5,600	5,600
China	9,300	7,000	8,000	13,000	13,400	13,400
Ethiopia	2,225	1,825	2,325	2,375	2,425	2,425
European Union	46,900	45,600	49,500	48,350	46,500	45,400
India	1,950	1,900	1,850	1,900	1,690	1,690
Iran	6,000	6,200	6,400	6,400	5,500	5,500
Kazakhstan	2,150	2,150	2,400	2,550	2,100	2,200
Morocco	2,800	2,900	2,500	1,160	2,700	2,700
Russia	14,500	12,200	15,400	14,400	13,300	13,300
Saudi Arabia	8,525	7,025	7,025	7,025	5,925	5,925
Turkey	6,700	7,500	8,500	8,990	7,300	7,300
Ukraine	4,500	4,200	4,600	4,100	4,000	4,000
United Kingdom	6,201	5,666	5,989	7,225	6,092	6,092
Others	18,896	18,911	21,666	23,867	22,431	22,431
Subtotal	142,008	137,353	152,875	157,594	147,410	146,269
United States	3,466	3,537	3,922	3,753	2,830	2,939
World Total	145,474	140,890	156,797	161,347	150,240	149,208
Ending Stocks						
Algeria	517	790	998	1,029	779	779
Argentina	388	598	608	619	519	519
Australia	1,776	1,908	2,711	1,969	1,169	1,169
European Union	5,592	5,457	5,207	5,002	5,012	5,074
Saudi Arabia	1,841	1,327	1,016	1,002	988	988
Ukraine	1,149	1,008	953	661	771	771
United Kingdom	1,076	1,091	1,357	1,040	1,048	1,048
Others	7,064	6,123	7,548	8,028	5,280	5,232
Subtotal	19,403	18,302	20,398	19,350	15,566	15,580
United States	2,057	1,884	1,747	1,555	1,287	1,221
World Total	21,460	20,186	22,145	20,905	16,853	16,801

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Mar 2021/22	Apr 2021/22
TY Imports						
North America	227	253	589	936	800	800
South America	1,082	1,179	1,168	926	1,037	1,037
European Union	979	1,762	1,089	1,150	1,200	1,000
Other Europe	183	252	175	203	183	176
Former Soviet Union - 12	229	395	464	425	396	394
Middle East	13,758	11,967	12,942	13,938	13,610	13,710
North Africa	1,990	2,342	3,225	3,245	2,570	2,570
Sub-Saharan Africa	49	28	67	19	120	120
East Asia	9,499	6,441	7,324	13,273	11,860	11,860
South Asia	114	296	89	34	90	40
Oceania	19	14	7	46	40	40
Total	28,453	25,268	28,022	35,985	33,506	33,347
Production						
North America	12,015	12,719	15,149	15,365	10,470	10,470
South America	4,862	6,133	5,135	5,741	6,574	6,593
European Union	51,482	49,470	55,180	54,324	52,800	51,972
Other Europe	8,508	7,762	9,433	9,611	8,522	8,522
Former Soviet Union - 12	35,563	31,225	36,528	35,652	32,701	32,701
Middle East	11,352	11,069	15,194	15,240	8,643	8,643
North Africa	4,041	5,387	4,281	3,158	5,238	5,018
Sub-Saharan Africa	2,465	2,369	2,929	3,127	2,816	2,816
East Asia	1,381	2,347	2,435	2,402	2,383	2,383
South Asia	1,943	1,936	1,981	2,049	1,972	1,962
Oceania	9,552	9,199	10,511	13,438	14,024	14,024
Total	143,164	139,616	158,756	160,107	146,143	145,104
Domestic Consumption						
North America	11,281	11,095	13,330	12,800	9,780	9,889
South America	3,780	3,716	3,898	4,217	4,004	4,014
European Union	46,900	45,600	49,500	48,350	46,500	45,400
Other Europe	7,575	7,032	7,378	8,710	7,577	7,570
Former Soviet Union - 12	24,589	21,759	25,805	24,622	22,464	22,571
Middle East	25,727	25,012	27,056	28,187	24,178	24,318
North Africa	6,359	7,076	7,419	6,505	7,658	7,508
Sub-Saharan Africa	2,755	2,360	2,913	2,962	3,030	3,030
East Asia	10,914	8,645	9,740	14,702	15,185	15,185
South Asia	2,214	2,103	2,221	2,244	2,017	2,017
Oceania	4,050	5,385	6,390	5,900	5,850	5,850
Total	146,468	140,122	156,535	160,992	149,843	148,952
Ending Stocks						
North America	3,716	3,109	3,166	2,676	2,116	2,050
South America	705	1,039	1,022	966	824	837
European Union	5,592	5,457	5,207	5,002	5,012	5,074
Other Europe	1,238	1,227	1,529	1,185	1,201	1,201
Former Soviet Union - 12	2,569	2,307	2,463	2,321	1,744	1,744
Middle East	3,956	2,617	3,304	3,112	1,927	2,027
North Africa	806	1,249	1,420	1,320	1,470	1,400
Sub-Saharan Africa	332	348	404	575	466	466
East Asia	469	612	631	1,604	701	662
South Asia	253	264	235	127	166	114
Oceania	1,813	1,946	2,755	2,011	1,220	1,220
Total	21,460	20,186	22,145	20,905	16,853	16,801

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
TY Exports						
Argentina	473	254	426	1,973	2,600	2,600
Australia	449	91	102	1,209	1,600	1,600
Bolivia	21	18	8	29	50	50
Ethiopia	75	75	75	50	50	50
India	123	53	31	56	50	50
Kenya	136	53	31	80	100	100
Ukraine	123	93	145	59	65	65
Others	310	286	163	149	213	168
Subtotal	1,710	923	981	3,605	4,728	4,683
United States	4,839	2,410	5,404	7,052	8,000	8,000
World Total	6,549	3,333	6,385	10,657	12,728	12,683
TY Imports						
Chile	49	73	36	26	70	70
China	4,436	652	3,709	8,669	10,500	10,500
Eritrea	30	60	35	60	70	70
Ethiopia	6	6	61	5	50	50
Japan	577	449	426	299	320	300
Kenya	141	109	52	181	200	200
Mexico	98	546	567	133	200	200
Somalia	80	85	80	50	50	50
South Sudan	148	26	81	71	100	100
Sudan	150	160	150	88	80	100
Others	992	1,079	429	333	430	395
Subtotal	6,707	3,245	5,626	9,915	12,070	12,035
Unaccounted	-209	87	758	741	657	647
United States	51	1	1	1	1	1
World Total	6,549	3,333	6,385	10,657	12,728	12,683

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
Production						
Argentina	3,000	2,500	2,500	3,320	3,750	3,750
Australia	1,257	1,160	397	1,500	2,300	2,300
Bolivia	1,023	949	1,019	1,100	1,100	1,100
Brazil	2,136	2,177	2,498	2,732	2,700	2,700
Burkina Faso	1,366	1,930	1,872	1,840	2,150	2,150
Cameroon	1,190	1,200	1,217	1,200	1,200	1,200
China	2,465	2,909	3,137	2,970	3,000	3,000
Ethiopia	5,164	5,024	5,266	4,517	5,200	5,200
European Union	660	781	1,012	1,097	1,015	1,006
India	4,803	3,480	4,772	4,812	4,400	4,400
Mali	1,423	1,470	1,511	1,801	1,500	1,500
Mexico	4,545	4,700	4,328	4,348	4,700	4,700
Niger	1,945	2,100	1,897	1,922	1,900	1,900
Nigeria	6,939	6,721	6,665	6,570	6,800	6,800
Sudan	3,743	5,435	3,714	5,150	5,000	5,000
Others	7,129	7,634	7,437	7,565	7,508	7,508
Subtotal	48,788	50,170	49,242	52,444	54,223	54,214
United States	9,192	9,271	8,673	9,474	11,375	11,375
World Total	57,980	59,441	57,915	61,918	65,598	65,589
Total Consumption						
Argentina	3,100	2,150	2,050	1,150	1,400	1,400
Bolivia	920	980	980	1,050	1,050	1,050
Brazil	2,100	2,200	2,400	2,700	2,700	2,700
Burkina Faso	1,400	1,800	1,870	1,900	2,100	2,100
Cameroon	1,205	1,225	1,222	1,225	1,230	1,230
Chad	1,000	1,000	1,000	1,000	1,000	1,000
China	6,900	3,600	6,800	11,400	13,500	13,500
Ethiopia	5,000	5,000	5,300	4,900	5,200	5,200
European Union	950	1,554	1,128	1,113	1,023	1,023
India	4,600	3,550	4,500	4,550	4,500	4,500
Mali	1,450	1,470	1,500	1,700	1,600	1,600
Mexico	4,700	5,100	5,000	4,500	4,750	4,750
Niger	1,850	2,100	2,000	2,000	1,950	1,950
Nigeria	6,950	6,650	6,650	6,550	6,650	6,650
Sudan	4,400	5,300	4,350	5,100	5,050	5,100
Others	8,260	8,672	7,495	7,427	7,923	7,888
Subtotal	54,658	52,428	55,160	59,833	61,857	61,862
United States	4,119	6,212	4,365	2,514	3,175	3,302
World Total	58,777	58,640	59,525	62,347	65,032	65,164
Ending Stocks						
Argentina	515	454	266	161	211	211
Australia	273	287	154	44	284	284
Brazil	250	194	293	314	295	295
China	105	17	34	269	239	239
India	274	153	394	599	437	449
Mexico	113	259	153	102	251	251
Sudan	386	631	110	243	223	233
Others	1,905	1,895	1,729	1,220	1,236	1,215
Subtotal	3,821	3,890	3,133	2,952	3,176	3,177
United States	885	1,617	764	516	843	716
World Total	4,706	5,507	3,897	3,468	4,019	3,893

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Mar 2021/22	Apr 2021/22
TY Imports						
North America	149	547	568	134	201	201
South America	111	80	45	37	111	111
European Union	484	666	89	13	30	30
Other Europe	28	24	29	24	25	25
Middle East	41	39	48	34	41	31
North Africa	1	0	7	1	2	2
Sub-Saharan Africa	719	650	618	608	758	753
East Asia	5,139	1,175	4,180	9,030	10,875	10,855
Southeast Asia	22	36	41	28	25	25
Others	64	29	2	7	3	3
Total	6,758	3,246	5,627	9,916	12,071	12,036
Production						
North America	13,737	13,971	13,001	13,822	16,075	16,075
Central America	282	288	286	242	220	220
Caribbean	91	106	71	76	81	81
South America	6,420	5,922	6,256	7,383	7,757	7,757
European Union	660	781	1,012	1,097	1,015	1,006
Middle East	410	440	390	391	405	405
North Africa	754	753	753	754	755	755
Sub-Saharan Africa	26,712	29,236	27,476	28,616	29,218	29,218
East Asia	2,467	2,911	3,139	2,972	3,002	3,002
South Asia	4,957	3,629	4,892	4,908	4,550	4,550
Southeast Asia	50	50	50	50	50	50
Oceania	1,257	1,160	397	1,500	2,300	2,300
Others	183	194	192	107	170	170
Total	57,980	59,441	57,915	61,918	65,598	65,589
Domestic Consumption						
North America	8,819	11,312	9,365	7,014	7,925	8,052
Central America	282	291	286	245	222	222
Caribbean	91	108	71	79	84	84
South America	6,532	5,644	5,687	5,160	5,453	5,458
European Union	950	1,554	1,128	1,113	1,023	1,023
Middle East	447	483	434	425	446	436
North Africa	754	753	769	755	757	757
Sub-Saharan Africa	27,640	29,279	28,538	29,322	29,721	29,761
East Asia	7,605	4,156	7,257	11,774	13,877	13,857
South Asia	4,817	3,726	4,621	4,651	4,650	4,650
Southeast Asia	66	85	81	83	73	73
Oceania	800	1,050	280	60	460	460
Others	101	122	93	98	110	110
Total	58,904	58,563	58,610	60,779	64,801	64,943
Ending Stocks						
North America	998	1,876	917	618	1,094	967
Central America	12	9	9	6	4	4
South America	892	740	683	618	650	648
European Union	138	101	54	37	34	30
Middle East	0	0	0	0	0	0
North Africa	54	54	44	44	44	44
Sub-Saharan Africa	1,852	2,187	1,532	1,190	1,170	1,165
East Asia	157	38	71	295	265	265
South Asia	274	153	394	599	437	449
Oceania	273	287	154	44	284	284
Others	56	62	39	17	37	37
Total	4,706	5,507	3,897	3,468	4,019	3,893

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
TY Exports						
Australia	550	250	245	391	600	600
Canada	1,685	1,665	1,899	1,961	1,300	1,300
European Union	141	119	235	145	150	140
Kazakhstan	10	27	7	5	10	10
Russia	34	134	73	90	150	150
Ukraine	7	11	16	15	15	15
United Kingdom	26	50	112	31	115	115
Others	40	47	15	11	15	15
Subtotal	2,493	2,303	2,602	2,649	2,355	2,345
United States	31	26	32	50	30	35
World Total	2,524	2,329	2,634	2,699	2,385	2,380
TY Imports						
Algeria	7	1	13	11	10	10
Chile	0	14	28	169	50	50
China	389	224	222	301	350	350
Ecuador	39	16	12	26	20	20
European Union	39	58	113	33	50	50
India	19	21	25	46	50	50
Japan	44	46	47	48	50	50
Korea, South	46	31	25	24	25	25
Malaysia	23	16	29	26	25	25
Mexico	168	129	137	171	150	150
Norway	21	93	45	15	15	15
Peru	29	41	45	44	50	50
South Africa	39	23	62	21	20	20
Switzerland	49	51	56	49	50	50
United Kingdom	23	34	30	22	20	20
Others	30	54	47	41	49	44
Subtotal	965	852	936	1,047	984	979
Unaccounted	16	80	107	77	101	101
United States	1,543	1,397	1,591	1,575	1,300	1,300
World Total	2,524	2,329	2,634	2,699	2,385	2,380

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
Production						
Algeria	110	110	110	110	110	110
Argentina	492	572	600	510	690	690
Australia	1,227	1,135	1,143	1,665	1,600	1,600
Belarus	460	342	368	445	350	350
Brazil	634	795	879	846	927	927
Canada	3,733	3,436	4,227	4,576	2,606	2,606
Chile	571	385	477	525	600	600
China	550	560	600	600	600	600
European Union	7,183	6,940	6,965	8,471	8,150	7,643
Kazakhstan	285	336	267	240	182	182
Norway	283	144	300	300	300	300
Russia	5,448	4,715	4,420	4,127	3,733	3,733
Turkey	250	230	230	240	250	250
Ukraine	481	423	427	515	480	480
United Kingdom	875	850	1,076	1,031	1,100	1,100
Others	372	411	359	366	442	442
Subtotal	22,954	21,384	22,448	24,567	22,120	21,613
United States	720	815	773	954	578	578
World Total	23,674	22,199	23,221	25,521	22,698	22,191
Total Consumption						
Argentina	525	550	600	525	685	685
Australia	900	900	970	1,100	1,000	1,000
Belarus	460	375	370	440	350	350
Brazil	675	775	845	845	915	915
Canada	2,041	2,083	2,419	2,340	1,700	1,700
Chile	570	390	520	615	650	650
China	850	870	870	900	950	950
European Union	7,050	7,000	6,900	8,325	8,050	7,650
Kazakhstan	275	315	250	235	205	205
Mexico	200	255	210	235	240	240
Norway	320	250	345	320	315	315
Russia	5,400	4,700	4,200	4,050	3,650	3,650
Turkey	240	230	240	240	240	240
Ukraine	480	450	420	475	465	465
United Kingdom	842	875	993	973	1,000	1,000
Others	735	678	677	732	792	787
Subtotal	21,633	20,706	20,834	22,585	21,279	20,876
United States	2,358	2,326	2,344	2,363	2,023	2,023
World Total	23,991	23,032	23,178	24,948	23,302	22,899
Ending Stocks						
Australia	196	191	114	283	283	283
Canada	778	397	426	657	273	273
Chile	46	29	47	94	89	89
China	241	155	107	108	108	108
European Union	500	371	332	388	439	291
Russia	167	60	195	188	122	122
United Kingdom	138	116	106	147	152	152
Others	358	318	368	385	378	378
Subtotal	2,424	1,637	1,695	2,250	1,844	1,696
United States	595	549	534	552	405	398
World Total	3,019	2,186	2,229	2,802	2,249	2,094

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Mar 2021/22	Apr 2021/22
TY Imports						
North America	1,723	1,535	1,744	1,765	1,460	1,460
South America	75	78	89	241	130	130
European Union	39	58	113	33	50	50
Other Europe	99	184	138	93	95	90
Former Soviet Union - 12	4	31	6	6	4	4
Middle East	0	0	0	0	10	10
North Africa	8	2	27	18	15	15
Sub-Saharan Africa	39	23	62	21	20	20
East Asia	479	301	294	373	425	425
South Asia	19	21	25	46	50	50
Southeast Asia	23	16	29	26	25	25
Oceania	0	0	0	0	0	0
Total	2,508	2,249	2,527	2,622	2,284	2,279
Production						
North America	4,525	4,354	5,099	5,593	3,274	3,274
South America	1,754	1,831	2,017	1,942	2,278	2,278
European Union	7,183	6,940	6,965	8,471	8,150	7,643
Other Europe	1,302	1,138	1,516	1,480	1,540	1,540
Former Soviet Union - 12	6,679	5,822	5,488	5,333	4,751	4,751
Middle East	250	230	230	240	250	250
North Africa	145	131	118	116	155	155
Sub-Saharan Africa	23	33	17	57	70	70
East Asia	551	561	601	601	601	601
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	1,262	1,159	1,170	1,688	1,629	1,629
Total	23,674	22,199	23,221	25,521	22,698	22,191
Domestic Consumption						
North America	4,599	4,664	4,973	4,938	3,963	3,963
South America	1,915	1,843	2,088	2,123	2,390	2,390
European Union	7,050	7,000	6,900	8,325	8,050	7,650
Other Europe	1,361	1,325	1,534	1,501	1,515	1,510
Former Soviet Union - 12	6,621	5,846	5,247	5,208	4,677	4,677
Middle East	240	230	240	240	240	240
North Africa	152	134	131	142	170	170
Sub-Saharan Africa	66	65	69	69	95	95
East Asia	940	951	943	972	1,026	1,026
South Asia	19	21	25	46	50	50
Southeast Asia	23	16	29	26	25	25
Oceania	935	927	994	1,123	1,029	1,029
Total	23,921	23,022	23,173	24,713	23,230	22,825
Ending Stocks						
North America	1,377	949	968	1,222	691	684
South America	125	144	191	222	227	227
European Union	500	371	332	388	439	291
Other Europe	202	167	158	194	199	199
Former Soviet Union - 12	330	177	322	341	243	243
Middle East	16	16	6	6	26	26
North Africa	2	1	3	0	0	0
Sub-Saharan Africa	24	15	25	34	29	29
East Asia	244	155	107	109	109	109
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	199	191	117	286	286	286
Total	3,019	2,186	2,229	2,802	2,249	2,094

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
TY Exports						
Belarus	0	0	0	22	5	5
Canada	227	152	147	148	150	150
European Union	103	191	274	95	155	155
Russia	152	178	6	101	50	50
Ukraine	84	42	8	58	200	200
Others	1	1	0	3	0	0
Subtotal	567	564	435	427	560	560
United States	4	4	6	4	5	5
World Total	571	568	441	431	565	565
TY Imports						
European Union	142	221	0	131	170	170
Israel	21	17	8	18	20	20
Japan	21	23	19	22	20	20
Kazakhstan	0	0	2	11	4	4
Korea, South	3	3	4	4	5	5
Norway	5	19	10	10	10	10
Turkey	0	0	0	0	40	40
Others	40	19	106	16	12	13
Subtotal	232	302	149	212	281	282
Unaccounted	15	-28	8	30	34	33
United States	324	294	284	189	250	250
World Total	571	568	441	431	565	565

TY=Trade Year, see Endnotes.

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Mar	2021/22 Apr
Production						
Argentina	86	87	220	135	144	144
Belarus	670	503	756	1,051	800	800
Canada	341	236	333	488	473	473
European Union	7,366	6,173	8,395	8,964	8,050	7,958
Russia	2,540	1,914	1,424	2,376	1,716	1,716
Turkey	320	320	320	320	330	330
Ukraine	510	396	339	459	600	600
Others	211	156	197	206	215	215
Subtotal	12,044	9,785	11,984	13,999	12,328	12,236
United States	260	214	270	293	249	249
World Total	12,304	9,999	12,254	14,292	12,577	12,485
Total Consumption						
Argentina	86	87	220	135	144	144
Belarus	665	550	750	1,050	790	790
Canada	189	169	181	308	345	345
European Union	7,600	6,350	8,060	8,980	8,150	8,050
Kazakhstan	35	35	27	35	45	45
Norway	54	27	59	58	60	60
Russia	2,500	1,750	1,550	2,200	1,700	1,700
Turkey	320	320	320	320	360	360
Ukraine	480	332	332	402	352	352
United Kingdom	42	38	36	37	40	40
Others	135	134	124	138	137	137
Subtotal	12,139	9,817	11,650	13,683	12,172	12,072
United States	483	518	550	528	490	490
World Total	12,622	10,335	12,200	14,211	12,662	12,562
Ending Stocks						
Belarus	61	35	44	31	34	34
Canada	124	49	40	72	52	52
European Union	591	513	590	505	470	478
Kazakhstan	16	4	0	4	5	5
Russia	260	141	104	201	143	143
Turkey	14	14	14	14	24	24
Ukraine	69	47	48	90	109	109
Others	1	1	1	1	1	1
Subtotal	1,136	804	841	918	838	846
United States	15	11	28	32	27	27
World Total	1,151	815	869	950	865	873

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Mar 2021/22	Apr 2021/22
TY Imports						
North America	326	296	287	190	252	252
South America	0	0	0	0	0	0
European Union	142	221	0	131	170	170
Other Europe	15	25	15	19	15	16
Former Soviet Union - 12	28	11	100	17	9	9
Middle East	21	17	8	18	60	60
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	24	26	23	26	25	25
Oceania	0	0	0	0	0	0
Total	556	596	433	401	531	532
Production						
North America	601	450	603	781	722	722
South America	97	100	234	150	160	160
European Union	7,366	6,173	8,395	8,964	8,050	7,958
Other Europe	128	87	127	128	126	126
Former Soviet Union - 12	3,759	2,836	2,542	3,916	3,156	3,156
Middle East	320	320	320	320	330	330
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	30	30	30	30	30	30
Total	12,304	9,999	12,254	14,292	12,577	12,485
Domestic Consumption						
North America	672	687	731	836	835	835
South America	97	100	234	150	160	160
European Union	7,600	6,350	8,060	8,980	8,150	8,050
Other Europe	142	110	141	141	143	143
Former Soviet Union - 12	3,680	2,667	2,659	3,687	2,887	2,887
Middle East	341	337	328	338	380	380
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	24	26	23	26	25	25
Oceania	30	30	30	30	30	30
Total	12,589	10,310	12,209	14,191	12,613	12,513
Ending Stocks						
North America	139	60	68	104	79	79
South America	0	0	0	0	0	0
European Union	591	513	590	505	470	478
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	406	227	196	326	291	291
Middle East	14	14	14	14	24	24
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	1	1	1	1	1	1
Oceania	0	0	0	0	0	0
Total	1,151	815	869	950	865	873

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.