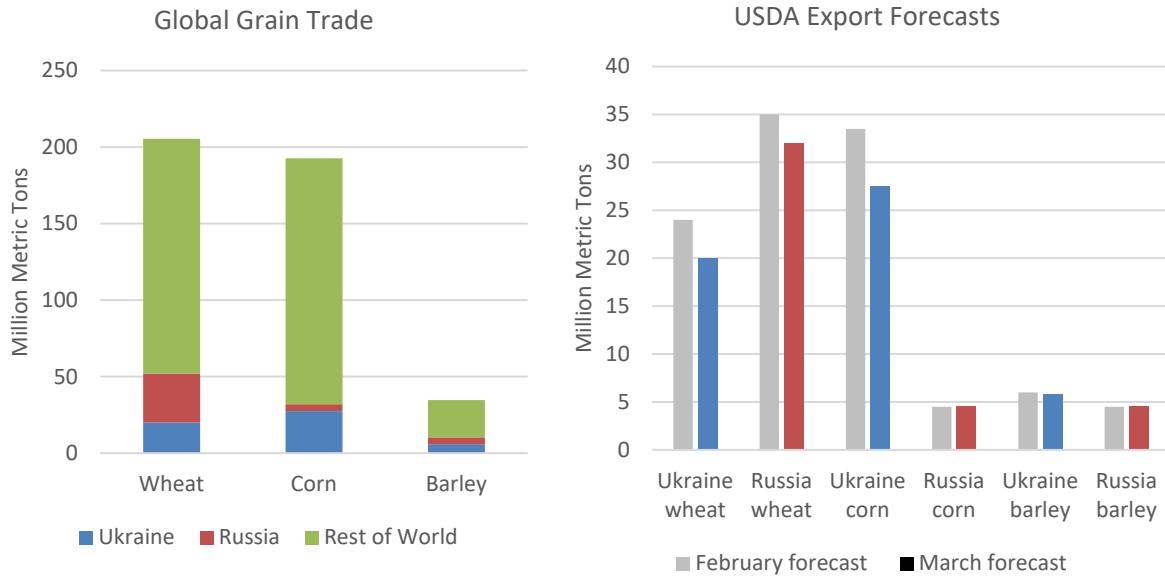


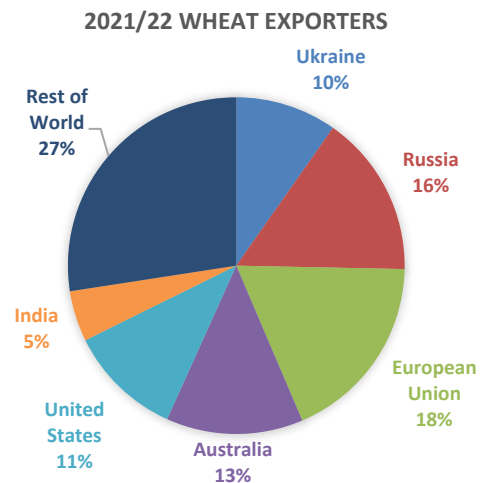
Grain: World Markets and Trade

2021/22 Grain Trade in Flux Amid Russia-Ukraine Conflict



The conflict in the Black Sea has disrupted the flow of grains from the region and caused great uncertainty in global grain trade. Ukraine has suspended port operations for commercial activities since February 24. Russian grain movement through the Black Sea is also affected by exceptionally high insurance premiums for vessels. In addition, the sanctions that have been applied make commercial transactions challenging. In response, grain prices have soared for all major exporters. This month's forecast represents an initial assessment of the short-term impacts as a result of this action. Wheat, corn, and barley are the major grains supplied by Ukraine and Russia.

Wheat: Ukraine accounts for 10 percent and Russia for 16 percent of global wheat exports in marketing year 2021/22, which began in July. The majority of Ukraine's exports are shipped in the first few months of the marketing year, but the closure of ports is currently limiting additional exports. Russia had already been taxing exports (see [Grain: World Markets and Trade January 2022](#) page 7) and implemented an export quota on February 15. Russia exempts neighboring Eurasian Economic Union (EAEU) countries from the export quota and maintains access to ship out of the Caspian Sea. In addition to strong exports from the European Union, India and Australia are expected to ramp up exports to record levels since both have record crops and competitive prices. Meanwhile, global trade is



adjusted slightly lower this month as sharply higher wheat prices are trimming demand with importers reducing and deferring purchases and relying on existing stocks.

Corn: Ukraine and Russia combined account for about 16 percent of corn exports to the world. This month, exports for Ukraine are forecast lower reflecting port closures in the Black Sea since the start of Russia’s invasion. Russia corn exports remain unchanged with the assumption that corn will be shipped via the Caspian Sea to key markets. U.S. corn exports are boosted, partially offsetting the reduction for Ukraine. New crop supplies from Brazil and Argentina are expected to come onto the market in a few months and both export forecasts are raised this month.

Barley: Though Ukraine and Russia account for about 30 percent of barley exports, global barley trade is up slightly this month due to larger supplies from Australia and a slight increase to Canada. Ukraine barley exports are generally front-loaded after harvest and a majority of the most recent crop has already been shipped, so the effect of port closures on exports is expected to be less severe for barley than for corn. Australia barley production has been revised upward, increasing exportable supplies, and Canada’s export volume has been stronger than expected despite its drought-affected production. Both forecasts are raised this month.

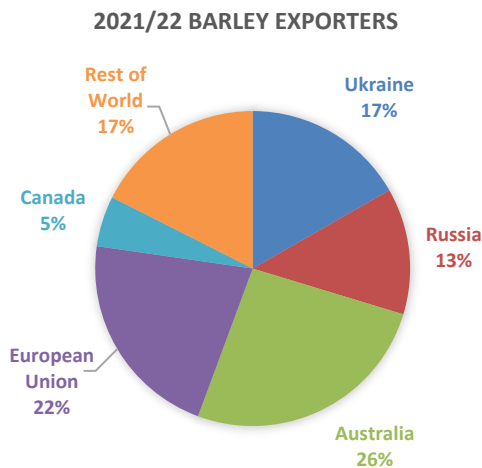
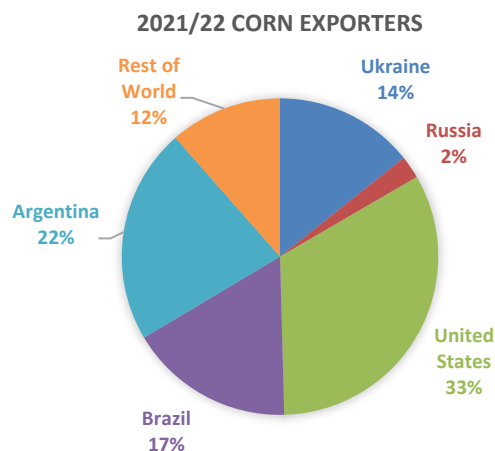


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The Foreign Agricultural Service (FAS) updates its production, supply and distribution (PSD) database for cotton, oilseeds, and grains at 12:00 p.m. on the day the *World Agricultural Supply and Demand Estimates* (WASDE) report is released. This circular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

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

[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](#)

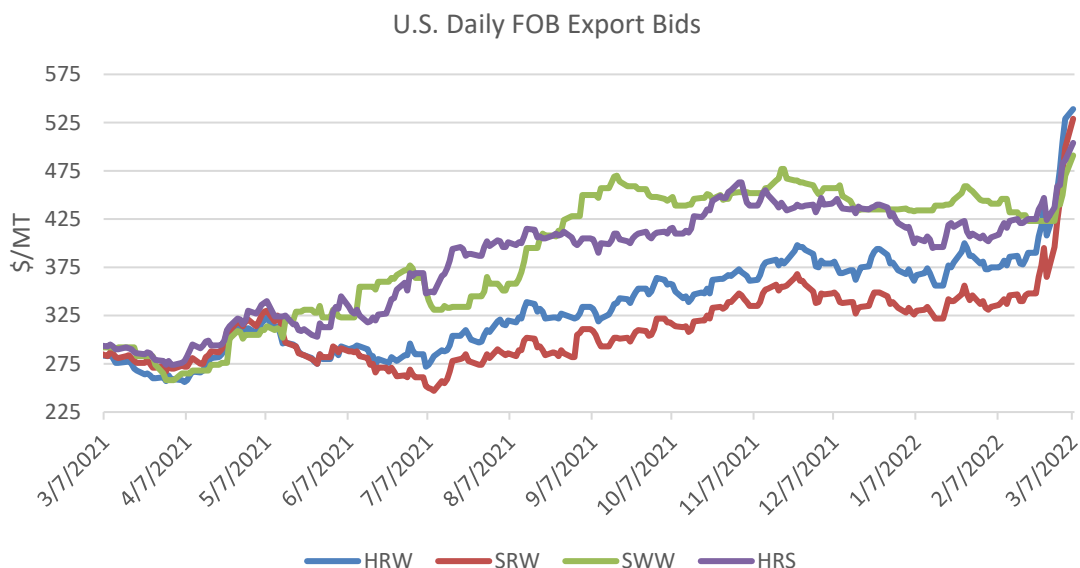
WHEAT

OVERVIEW FOR 2021/22

Global production is up this month primarily on a larger crop forecast for Australia. Global consumption is lowered this month with reduced FSI consumption more than offsetting higher feed and residual use in Ukraine and Australia. Global trade is forecast down this month with reduced exports from Ukraine and Russia due to the ongoing conflict. Imports for the Middle East and Africa are also forecast down due to higher wheat prices and reduced supplies from the Black Sea. Ending stocks are raised this month as reduced exports from Russia and Ukraine are expected to result in larger carry-out. The U.S. season-average farm price is up 20 cents to \$7.50 per bushel.

WHEAT PRICES

Domestic: All U.S. bids have increased sharply since the February *WASDE* report, driven mostly by the onset of conflict in the Black Sea region. Since the beginning of the marketing year, Soft White Winter (SWW) and Hard Red Spring (HRS) have been at a premium, reflecting the tight supplies based on last year's drought. However, these classes are now trading at a discount to Hard Red Winter (HRW) and Soft Red Winter (SRW) wheat. SWW was up \$45/ton to \$491, with upward pressure offset by abundant white wheat supplies from Australia. HRS also shot up \$88/ton to \$486 with limited supplies from key competitor Canada. HRW and SRW are most comparable to the types of wheat exported by Black Sea countries. SRW quotes skyrocketed \$190/ton to \$529. Meanwhile, HRW quotes catapulted up \$162/ton to \$539, also reflecting rising concerns about the dry weather in the major growing regions. HRS is the highest since 2008, while other quotes are record high.



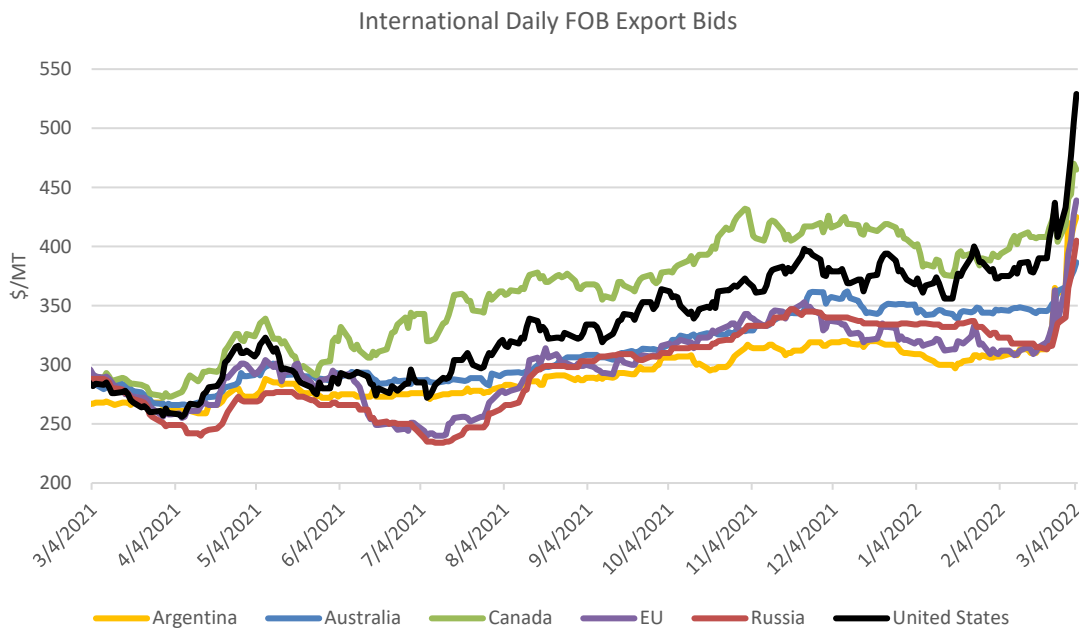
Source: IGC

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

Global: Following the Russian invasion of Ukraine on February 24, global wheat prices for all major exporters have made unprecedented moves higher in both cash and futures markets as importers search for new wheat supplies. Canadian quotes shot up \$60/ton from the previous month, also reflecting tightening stocks from last year's drought. Australian quotes rose the least, up \$47/ton as ample supplies from the new crop prevented substantial price gains. Argentine quotes rose \$116/ton, supported by strong purchases from Brazil and several markets in Africa, the Middle East, and Southeast Asia. U.S. quotes skyrocketed \$162/ton, which also reflects the continued dry weather across Kansas, Oklahoma, and Texas which has raised concern for the state of the winter wheat crop. EU quotes soared \$150/ton with expectations of renewed and strong demand from the Middle East and North Africa, with Algeria stating it will allow France to once again participate in future tenders. Russian quotes were up \$87/ton, although fresh demand was muted by sanctions and difficulties in obtaining vessel insurance.

Argentina	Australia	Canada	EU	Russia	United States
\$425	\$395	\$478	\$460	\$405	\$539

Note: As of March 7, 2022

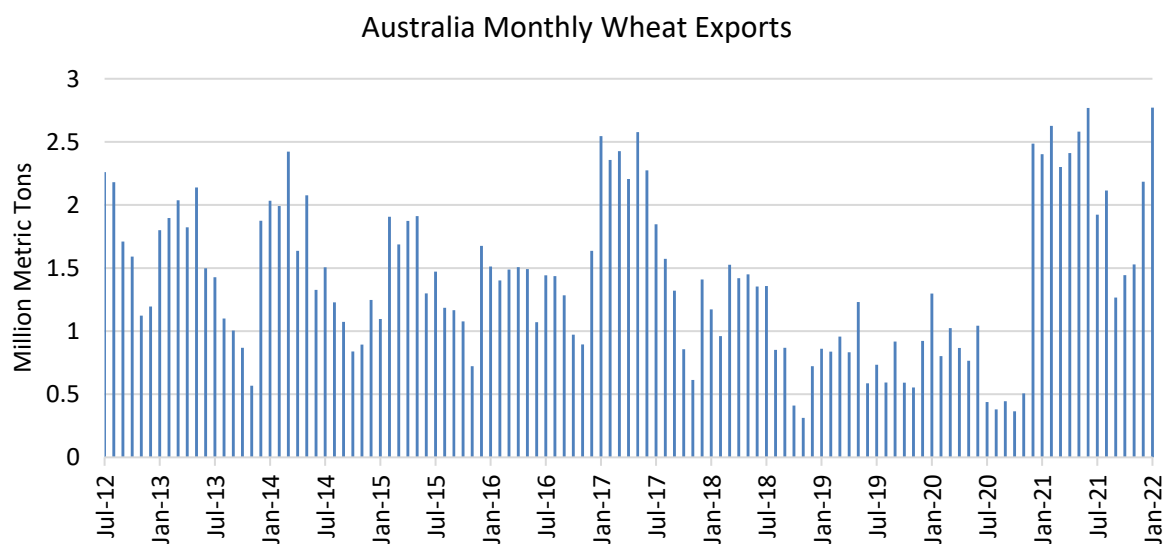


Source: IGC

*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

Higher Australia and India Wheat Exports Partially Offset Cuts to Black Sea Exports



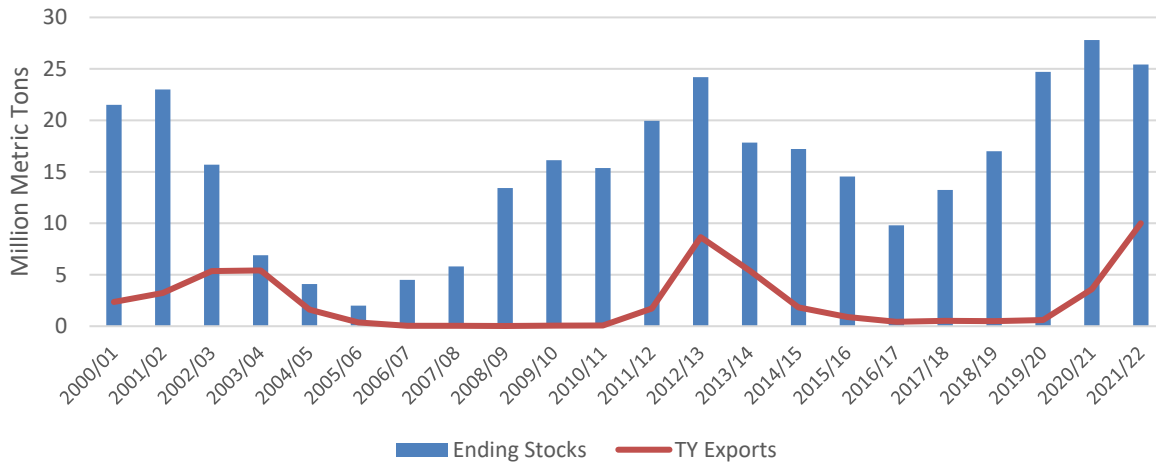
Source: Trade Data Monitor, LLC

With record production, Australia's 2021/22 export forecast is hiked up 1.0 million tons to 27.0 million, an all-time high for the July-June trade year. Disruptions from Black Sea suppliers has left the world's biggest importers searching for wheat. With two consecutive bumper crops, Australia has ample exportable grain supplies. Although typically focused on key Asia markets, Australian exporters will likely seek out customers in the Mediterranean and Africa this year.

Australia has exported 13.2 million tons of wheat year-to-date (July-January), which means exports will have to average 2.7 million tons per month to reach the revised forecast. Historically, 2.7 million tons has been the maximum per month, but exports have been at very high levels since December 2020 and exceeded 2.7 million in January. A few smaller ports have come online in the past couple of years in South Australia. Additional export capacity is being opened in Western Australia, which should allow an accelerated export pace in final 4 months of the trade year. Reports from major Australian traders indicate that buyers are covering purchases further out than typical. Australian shipping slots are fully booked for months in advance and shipments for new-crop wheat are being booked already.

India exports are also forecast higher, raised 3.0 million tons this month to 10.0 million, which would also be a record. With the Russian invasion of Ukraine, export demand for India's wheat has accelerated. In the new marketing year (MY) 2022/23 beginning in April, fresh supplies will be available in addition to the exceptionally large stocks in the country. While exports have tended to be mostly to neighboring countries including Bangladesh and some markets in the Middle East, India is likely to find buyers across Africa and other parts of the Middle East. Transit time to the Middle East would be longer compared to Black Sea exporters, but India is well positioned to step in as a low-cost supplier. From July through January, India has exported 5.2 million tons, primarily to Bangladesh. Exports since October have averaged over 900,000 tons per month and India is expected to maintain this pace.

India Wheat Exports and Stocks



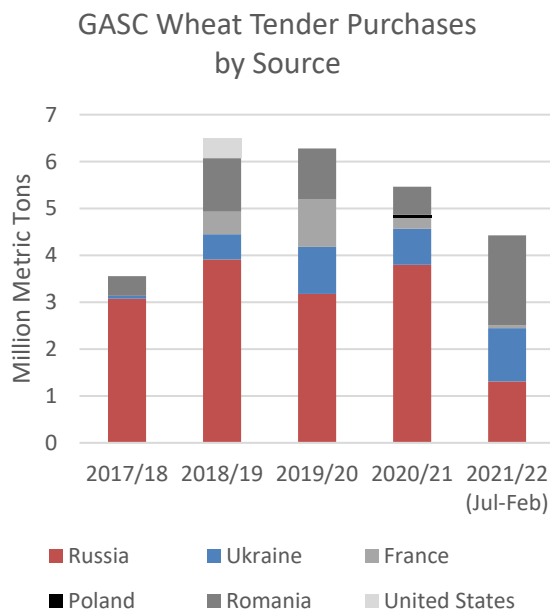
Notwithstanding the conflict in Ukraine, tightening global supplies and high prices from major exporters have made India wheat competitive for the first time in several years. After five consecutive record crops and rising government wheat inventories, India has ample exportable supplies. Indian wheat export prices averaged an attractive \$312/ton in January and have the advantage of low freight rates to markets in the Middle East and South Asia. Exports are forecast to be more than double last year’s volume and 20 times levels from 2 years ago. The last time India was a significant exporter was in 2012/13 when Russia and Ukraine had production shortfalls from drought.

Egypt and Turkey Wheat Imports Trimmed Amid High Prices and Export Challenges for Key Suppliers

The ongoing conflict in Ukraine and Russia has caused wheat supply and food security concerns for many major wheat importers that depend on Black Sea supplies.

Egypt, the largest wheat importer in the world, consistently purchases large volumes of Russian and Ukrainian wheat to satisfy its consumption needs. In the first half of the trade year, nearly 80 percent of Egypt's imports have been supplied by Ukraine or Russia. This includes private sector purchases, which account for nearly half of total annual wheat imports.

Egypt's state buyer, General Authority for Supply Commodities (GASC), purchases wheat through international tenders and a large portion is directed towards its food subsidy program that distributes bread to vulnerable populations. While GASC normally purchases from Russia, Romania and Ukraine have become top suppliers this year as global prices climbed¹. Following Russia's invasion of Ukraine, however, GASC is attempting to diversify its wheat suppliers. The wheat moisture limit specification, normally set at 13%, will be raised to 13.5% to encourage these efforts. Furthermore, the Deputy Supply and Internal Trade Minister has stated Egypt's intention to consider wheat supplies from the United States, Kazakhstan, and the European Union.



Even with additional measures to diversify its wheat supply, rising global prices will impede Egypt's ability to purchase large volumes of wheat from international sources. In February, GASC canceled two tenders due to lack of participants and escalated bid prices. Egypt, a price-sensitive market, may rely more on the wheat it has already stocked for the remainder of the trade year. Currently, government wheat reserves for the food subsidy program account for 4.5 months of consumption. Egypt has continued to build new silos and expand its storage capacity, which may eventually allow Egypt to limit imports to withstand price spikes. Furthermore, additional reforms to the bread subsidy program could lower import demand. Given the volume imported thus far and the challenges with high prices and alternative suppliers, Egypt imports are lowered 500,000 tons this month to 12.5 million.

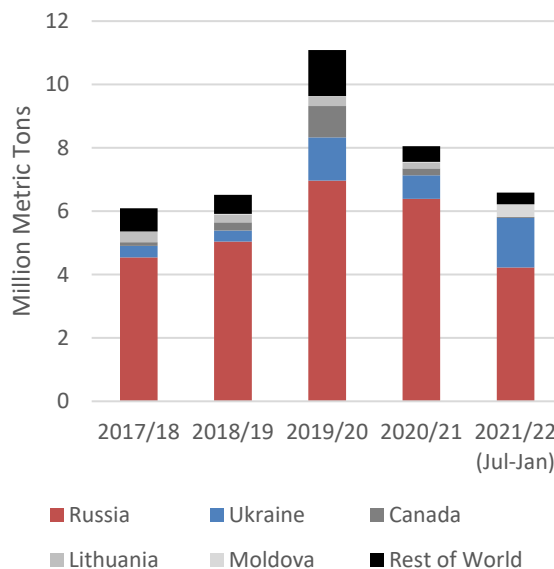
Turkey is another country that is largely dependent upon these two countries for imports. While Turkey produces wheat, its 2021/22 crop was down by more than 10 percent from the year before, while its consumption is forecast to rise 3 percent. Food price inflation has been a key concern in Turkey. Imports are set to rise to offset the tighter domestic supplies. To facilitate this trade, the government made imports duty-free in September 2021, and in January 2022 extended the duty exemption until the end of 2022.

¹ GASC tenders are open to Russia, Ukraine, the United States, Canada, Australia, France, Germany, Poland, Argentina, Kazakhstan, Paraguay, Hungary, Romania, Bulgaria, and Serbia.

Because of proximity and competitive prices, Turkey has come to depend heavily upon Black Sea wheat, particularly from Russia. Russia has consistently been Turkey's largest supplier, and meanwhile Turkey has ranked as Russia's first- or second-largest export market for the past several years. Ukraine has been the second-largest supplier to Turkey.

The Turkish state grain board TMO regularly purchases wheat via tenders. While it was able to purchase for \$341- \$351/ton in January, by early March, the purchase prices rose to \$409- \$517/ton. Its purchases were lower than the initial tender amount because of high prices. Some of what was purchased was already in free trade zones waiting to be officially imported. Fortunately, Turkey does have some domestic stocks from which to draw upon and its new marketing year begins in June. Typically, its imports wane toward the end of the marketing year.

Turkey Wheat Imports by Source



Source: Trade Data Monitor, LLC

Turkey also imports a significant amount of wheat grain to re-export wheat flour and products such as pasta. Turkey is the top exporter of wheat flour to the world, with more than 30 percent exported to Iraq, followed by Yemen and Syria as major destinations. Turkey's pasta exports are roughly the same quantity as the European Union, and its top destinations are Venezuela and numerous African countries. Thus far there have been no disruptions to Turkey's wheat product exports, although on March 4, the Ministry of Agriculture and Forestry has added wheat products to its list of items for which it has the authority to regulate exports. Turkey's imports are lowered 1.0 million tons this month, reflecting the deferment of purchases and increased reliance on wheat that is already in the country. Its exports are unchanged this month.

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

Country	Attribute	Previous	Current	Change	Reason
Afghanistan	Imports	2,800	2,600	-200	Reduced purchases year to date and high global prices constrain further purchases
Algeria	Imports	7,700	7,500	-200	Disruptions to imports from the Black Sea
Belarus	Imports	100	400	300	Larger imports from Russia as an Eurasian Economic Union (EAEU) member exempt from Russia's export quota
Egypt	Imports	13,000	12,500	-500	Higher global wheat prices and reduced shipments from Ukraine and Russia
European Union	Imports	5,200	4,800	-400	Lower imports to date from Canada
Kazakhstan	Imports	1,200	1,400	200	Larger imports as EAEU country
Kenya	Imports	2,200	2,000	-200	Below trend import pace to date and high global prices
Korea, North	Imports	400	200	-200	Low volume imported year to date
Pakistan	Imports	2,200	2,000	-200	Limited tender activity amid high global prices
Russia	Imports	500	300	-200	Lower imports from Kazakhstan so far this year
Tanzania	Imports	1,200	1,000	-200	Below trend import pace to date and high global prices
Turkey	Imports	11,000	10,000	-1,000	More dependence upon wheat that has already entered into Turkish Free Trade Zones, stocks expected to tighten
Vietnam	Imports	3,800	4,100	300	More feed-quality wheat imports from Australia's record harvest
Yemen	Imports	3,600	3,400	-200	Reduced shipments from the Black Sea
Australia	Exports	26,000	27,000	1,000	Larger crop, low prices, and constrained Black Sea supplies
Brazil	Exports	1,500	1,700	200	Increased shipments to Middle East and Southeast Asia with competitive prices
Egypt	Exports	900	500	-400	Reduced wheat flour and product exports to nearby markets

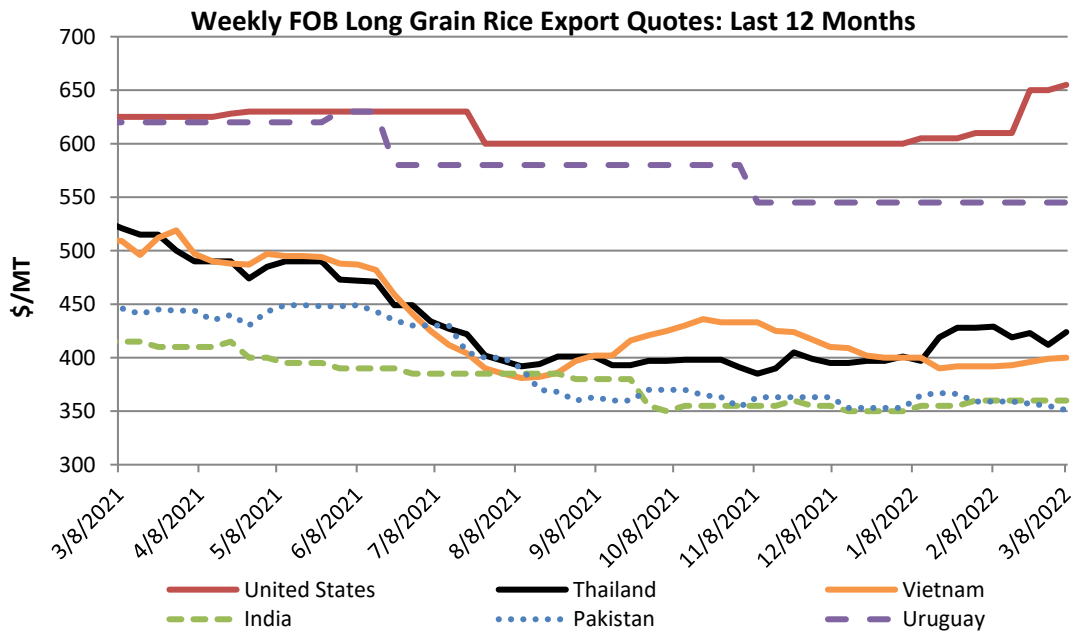
India	Exports	7,000	10,000	3,000	Competitive prices, large stocks, and constrained Black Sea supplies
Russia	Exports	35,000	32,000	-3,000	Economic sanctions and logistical challenges in exporting via Black Sea ports
Ukraine	Exports	24,000	20,000	-4,000	Closure of Black Sea ports amid conflict
United States	Exports	22,500	22,000	-500	Sluggish shipments of Hard Red Winter wheat and high prices relative to competing global exporters

RICE

OVERVIEW FOR 2021/22

Global rice production is forecast higher as larger crops in India and Thailand more than offset a decline in Brazil. Consumption is up overall this month with increases in India more than offsetting declines in Brazil and Madagascar. Global stocks are up on higher India and Thailand carryout. Global trade is also up, with higher exports from India and Thailand and higher imports for Malaysia.

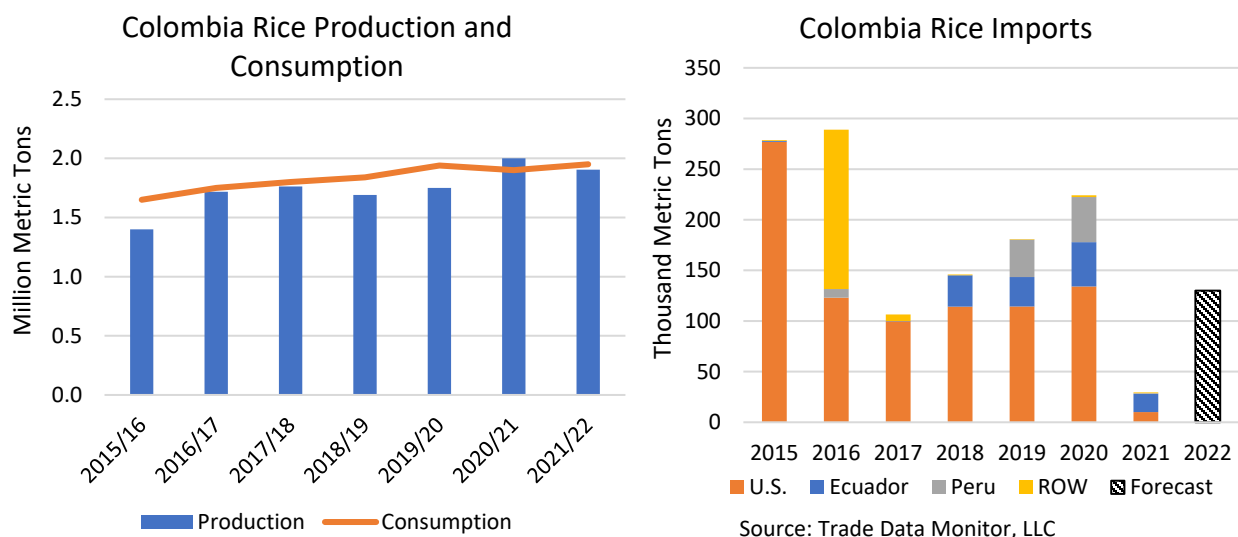
RICE PRICES



Global: U.S. prices increased \$45 to \$655/ton amid tight domestic stocks. Uruguayan prices remained at \$545. Thai quotes declined by \$5 to \$424/ton, reflecting a weakening Thai baht and reduced demand. Vietnamese prices were up \$8 to \$400/ton amid tighter supplies of white rice. Pakistani prices declined by \$8 to \$351/ton with ample supplies, while Indian prices rose \$5 to \$360/ton.

MARKET FEATURES

Colombia Imports to Rise in 2022



Colombia rice imports are forecast to rebound sharply in 2022 but fall short of levels from prior years on a smaller crop and rising domestic prices.

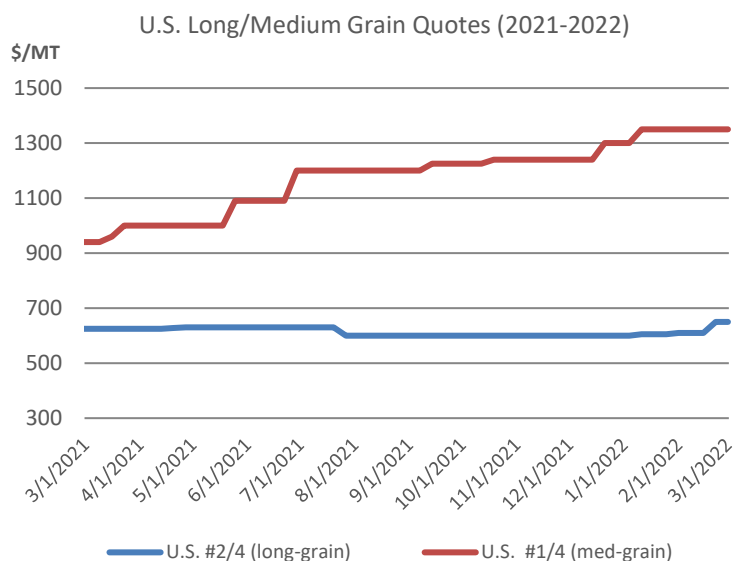
The 2021/22 crop is estimated to be 1.9 million tons, down 100,000 from the 2020/21 crop. Rice is a staple food in Colombia, but production does not typically meet domestic demand. The smaller crop plus limited imports in the previous year have tightened supplies and caused prices to rise after trending down last year. In February 2022, Colombian retail rice prices rose to \$780/ton, up \$50/ton from the prior month.

Although U.S. export prices are competitive, trade is limited by a high import tariff. Under the United States-Colombia Trade Promotion Agreement, the import tariff is scheduled to decline annually and is set at 49.2 percent in 2022, compared to the Most Favored Nation tariff of 80 percent. In addition, U.S. exporters can bid on a specific amount of the duty-free tariff-rate quota at auctions 3 times per year. With Colombia's large crop in 2020/21 and declining domestic prices, the U.S. tariff-rate quota was not filled for the first time since implementation of the trade agreement in 2011. In a sharp reversal, the first quota auction this year, held for 85,913 tons of U.S. rice, was fully awarded. Two other smaller quota auctions will take place in June and October.

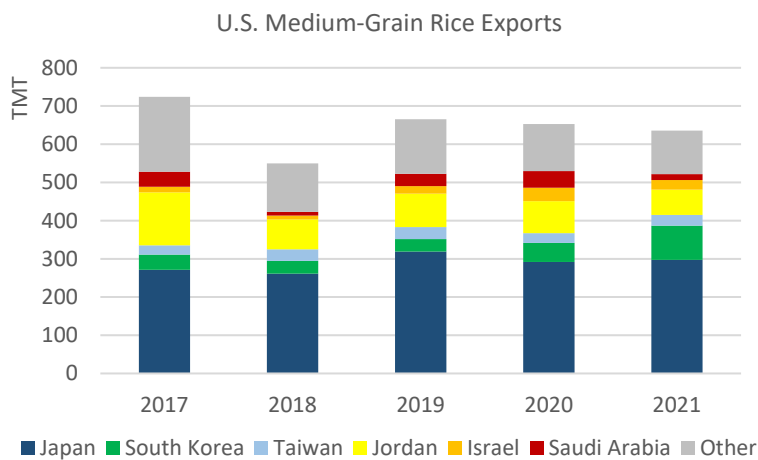
For the first time in over 10 years, the United States was not the major supplier to Colombia in 2021. Last year, Ecuador was the top supplier with 18,000 tons compared to 10,000 tons supplied by the United States. In 2022, with the successful auction results, the United States is expected to become the largest supplier once again.

U.S. Medium-Grain Rice Prices Soar to Record Levels

U.S. medium-grain export quotes have surged to a record \$1,350/metric ton, up more than 40 percent from last year. In contrast, quotes for long-grain rice, which is primarily grown in the Mississippi Delta region, have remained relatively steady over the past year. The increase in price for medium-grain is due to tight domestic supplies in California where the bulk of U.S. medium-grain rice is produced. The 2021 crop in California was impacted by a severe drought which cut U.S. production by approximately 18 percent, driving up prices. Water availability in California and high costs for other agricultural inputs will remain a challenge to production and exports in 2022/23.



Record-high prices are a key factor driving forecasted exports almost 24 percent lower than the prior market year. According to U.S. Export Sales data, from the beginning of August through February 24, accumulated exports of medium- and short-grain rice were down 31 percent and outstanding sales were more than 26 percent behind last year. While U.S. exports are steady to East Asia, especially Japan, Korea, and Taiwan, exports are faltering to the Middle East. In 2021, U.S. medium-grain exports to the Middle East were down over one-third from 2020, with the largest reduction in Saudi Arabia.



Source: Trade Data Monitor, LLC

The United States is a dominant player among medium- and short-grain exporters, which include China, Australia, Turkey, and the European Union. This year, the United States faces increased competition from other major medium-grain exporting countries due to its smaller crop. China has boosted exports to price-sensitive African markets. In addition, following a larger 2021/22 crop, Australia is expected to expand its exports to the Middle East, as it historically boosts exports when supplies are high.

TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Malaysia	Imports	1,100	1,200	100	Strong recent purchases
Brazil	Exports	900	800	-100	Smaller crop
India	Exports	20,000	20,500	500	Very large crop, high stocks, and competitive prices
Thailand	Exports	6,500	6,600	100	Large crop

TRADE CHANGES IN 2021 (1,000 MT) – based on trade data

Country	Attribute	Previous	Current	Change
Ghana	Imports	950	1,050	100
Nigeria	Imports	2,200	2,100	-100

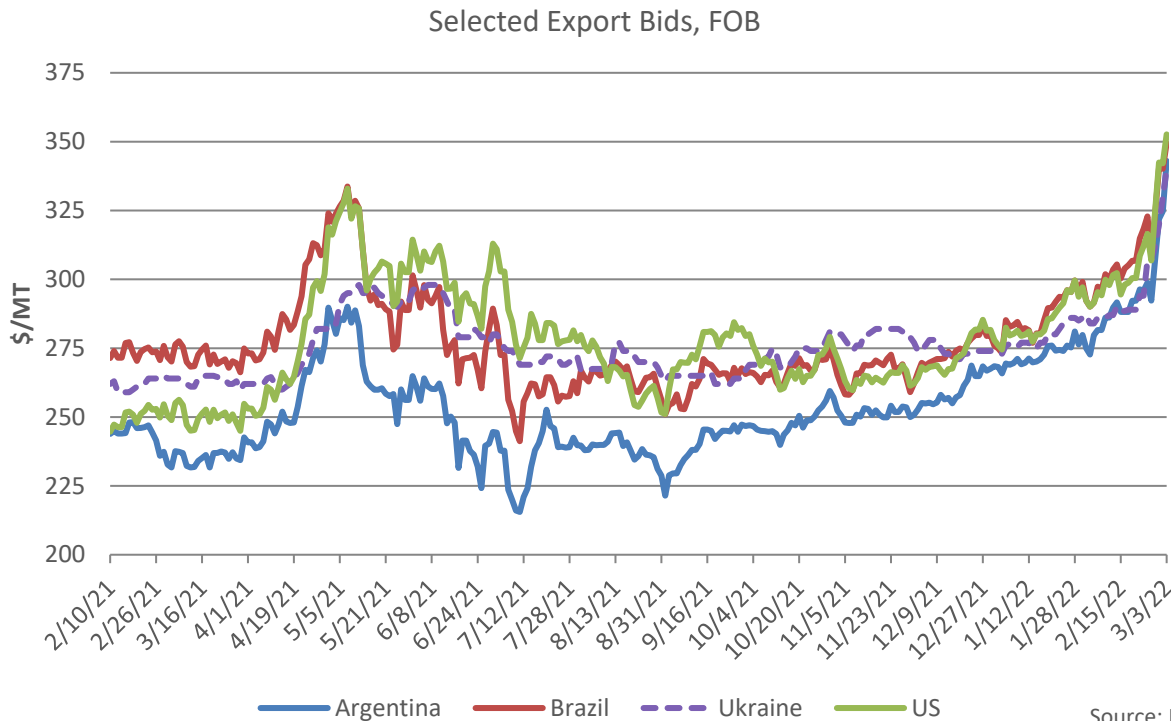
COARSE GRAINS

OVERVIEW FOR 2021/22

Global corn production is up from last month as larger crops in India and Russia more than offset smaller crops in Argentina and South Africa. Global trade is lower than last month as a sharp cut to Ukraine exports, following the suspension of port operations for commercial activities, is only partially offset by higher exports from Argentina, Brazil, and the United States. Also reflecting Black Sea commercial disruption, global imports are down in countries across the Middle East and North Africa. The U.S. season-average farm price is up 20 cents to \$5.65 per bushel.

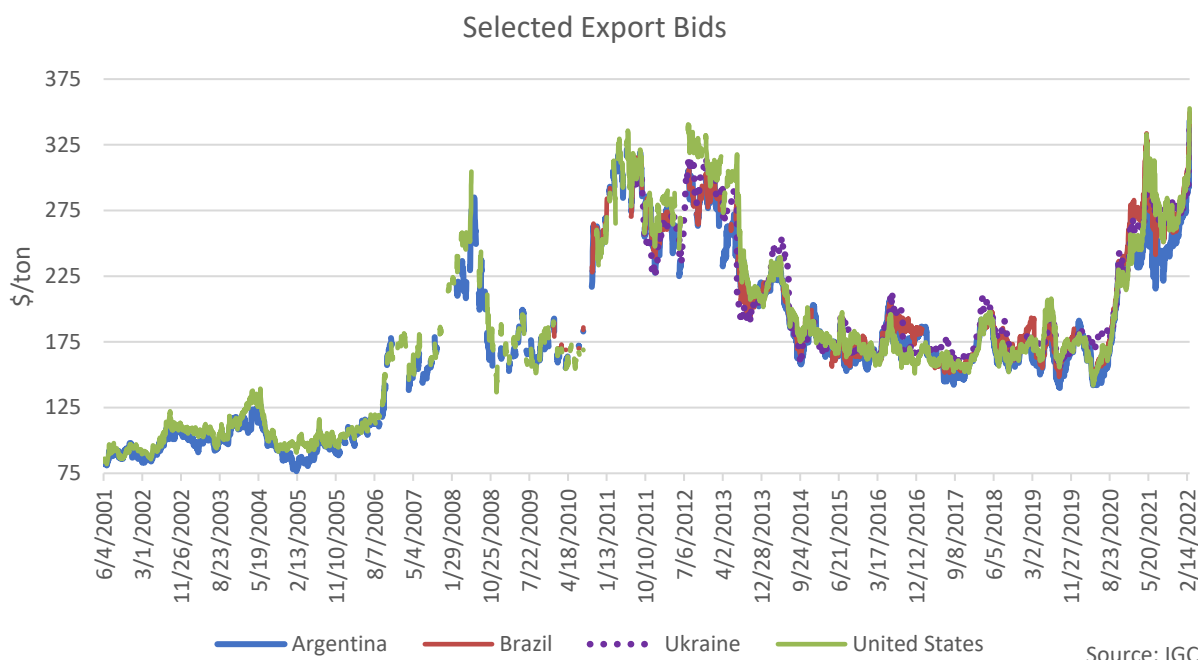
CORN PRICES

Global: Since the February *WASDE*, all four major exporters' bids moved up sharply. The ongoing military action in Ukraine has disrupted port operations and commercial activity in the Black Sea, increasing the level of uncertainty in the global corn market. Ukrainian bids were up \$56/ton to \$340 as a result, though fresh demand is likely to be limited under the circumstances. New crop corn from South America remains several months out from reaching the market, and the critical months for crop development are yet to come for Brazil's heavily exported second crop (*safrinha*). Coupled with continued old-crop demand, Argentine bids were up \$61/ton to \$343 and Brazilian bids were up \$52/ton to \$349. Echoing these global concerns, U.S. bids were up \$58/ton to \$353.



MARKET FEATURES

Corn Prices Reach Record Highs



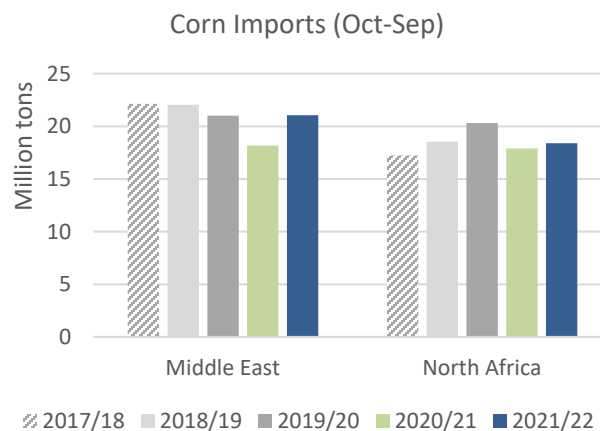
Per International Grains Council (IGC) data going back over 20 years, the corn price has reached \$350/ton for the first time for a major exporter (the United States). Bids for all major exporters notched record highs in early March. Along with some other agricultural and non-agricultural commodities, corn has seen a sharp jump in prices coinciding with the beginning of Russia's military action in Ukraine. The associated disruptions of both port activity and commercial shipping have essentially halted corn supplies from Ukraine. Ukraine generally accounts for about 15 percent of global corn exports.

This current spike in prices has compounded last year's run-up, which was driven by both supply and demand factors. For demand, China began importing large volumes of corn beginning in July 2020. China's strong demand persisted through 2020/21 (Oct-Sep), ultimately resulting in 29.5 million tons of corn imports. This volume cemented China as the world's largest corn importer in 2020/21, exceeding the second largest importer, Mexico, by just over 9 million tons. On the supply side, conditions for Brazil's second-crop corn (*safrinha*) deteriorated leading up to the start of harvest in June 2021. Lower production reduced available supplies for export, further supporting prices last year.

Looking forward, Argentina and Brazil are both forecast to have record corn production in their 2021/22 (March 2022-Feb 2023) marketing years; however, these corn supplies will not be available to the world market for another few months. With Brazil normally beginning harvest of its heavily exported second crop in June or July, a higher percentage of late-planted corn in Argentina could push overall South American corn availability to later in the calendar year. The United States, as the world's largest and also residual supplier of corn, has ample supplies and could fill the gap until South American exports are fully online. However, the current high corn price may cause some importers capable of substitution to look for an alternative. Despite also experiencing a rise in price, barley from Argentina and Australia remains less expensive than corn at \$330/ton and \$311/ton, respectively.

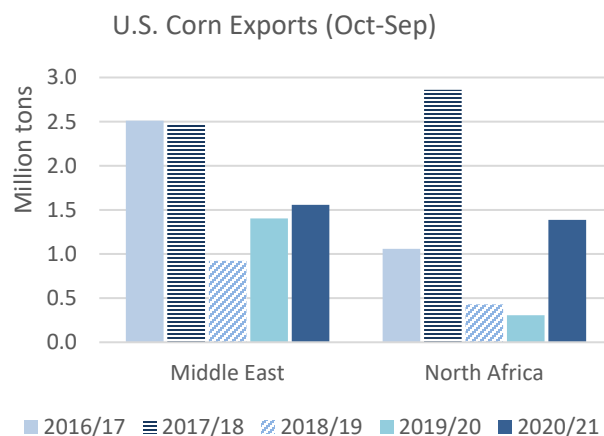
Corn Import Demand for the Middle East and North Africa Remains Strong

2021/22 corn import forecasts are lower this month for the Middle East and North Africa (MENA) region² to reflect the closure of Ukrainian ports in the Black Sea and sanctions on Russia. However, the forecast remains higher than the previous year. Both Ukraine and Russia have been sizable suppliers to MENA with freight and transportation advantages. In addition, Argentina, Brazil, and to a lesser extent the European Union have been key suppliers to the region. Typically, shipments from the South American countries gain steam during April-September when their new crops come onto the market.



All countries in the region depend on imports to satisfy growing feed demand for animal production (e.g., poultry, cattle, sheep, and goats), and the lion's share of import growth comes from Iran, Turkey, and Saudi Arabia. Iran has been a top destination for corn from Brazil. While there is little information on feed demand in Iran, the most recent statistics from the Food and Agriculture Organization show that Iran's meat production in 2020 was up 10 percent from a year earlier with strong gains for cattle, sheep, and goats. Turkey has allowed zero-duty imports of corn and other grains since last September, and the policy has been extended until the end of 2022 to help ease price inflation in the domestic market. Turkey has been actively buying corn and barley, even though the depreciation of the lira against other currencies makes imports costly. For Saudi Arabia, there are ongoing efforts to improve feed efficiency by offering compound feed at competitive prices relative to unprocessed barley. With corn having higher energy value in feed rations, this is expected to boost demand for corn.

Disruptions in the Black Sea have added greater volatility to prices of corn and other grains. It is too early to predict the final impact on trade levels for the year ending September 30, but exporters' data indicate larger shipments during the first 4 months (Oct 2021-Jan 2022) compared to a year ago, implying strong demand in the region despite high prices. Historically, U.S. exports to the region have peaked when other exporters had tight supplies such as in 2017/18 and 2020/21. Currently, U.S. supplies appear ample to fill unexpected import demand surges.



² The Middle East includes Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, Turkey, United Arab Emirates, and Yemen. North Africa includes Egypt, Libya, Tunisia, Algeria, and Morocco.

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Algeria	Corn	Imports	4,800	4,300	-500	Reduced supplies from Ukraine
Argentina	Corn	Exports	42,000	42,500	500	Strong anticipated February exports
Australia	Barley	Exports	8,500	9,000	500	Larger crop
	Sorghum	Exports	1,400	1,600	200	
Bangladesh	Corn	Imports	2,200	2,000	-200	Trade to date
Brazil	Corn	Exports	32,000	32,500	500	Strong anticipated February exports
Canada	Barley	Exports	1,600	1,800	200	Strong foreign demand
China	Sorghum	Imports	10,300	10,500	200	Larger available supplies in Australia
Egypt	Corn	Imports	10,300	9,700	-600	Reduced supplies from Ukraine
India	Corn	Exports	2,500	2,800	300	Larger crop
	Corn	Imports	300	25	-275	
Israel	Corn	Imports	1,800	1,500	-300	Reduced supplies from Ukraine
Saudi Arabia	Barley	Imports	5,400	5,900	500	Competitive prices from Australia
South Africa	Corn	Exports	3,200	3,500	300	Pace to date
Thailand	Barley	Imports	1,200	800	-400	Trade to date
Turkey	Corn	Imports	3,300	2,800	-500	Reduced supplies from Ukraine
Ukraine	Barley	Exports	6,000	5,800	-200	Port operations suspended
	Corn	Exports	33,500	27,500	-6,000	
United States	Corn	Exports	61,500	63,500	2,000	Expectations of sharply lower exports from Ukraine

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](#) March 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	726.2	733.7	492.9	502.5	508.0	773.6	764.9	822.2
World Total		762.4	776.0	778.5	498.8	509.7	514.1	1,119.6	1,123.3	1,206.1
Domestic Consumption										
United States	(Jun-May)	30.4	30.5	30.8	4.6	4.8	4.6	309.5	306.5	315.9
Other		710.9	744.2	754.6	488.1	494.8	505.2	821.5	835.6	866.4
World Total		741.3	774.7	785.4	492.7	499.6	509.8	1,131.0	1,142.1	1,182.3
Ending Stocks										
United States	(Jun-May)	28.0	23.0	17.8	0.9	1.4	1.1	48.8	31.4	36.6
Other		268.8	267.3	263.7	180.8	186.1	189.4	257.5	260.0	264.4
World Total		296.8	290.3	281.5	181.7	187.5	190.5	306.3	291.4	301.0
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	198.4	42.7	48.6	48.5	168.8	179.8	186.8
World Total		189.4	194.9	201.1	43.9	49.6	49.5	169.8	180.4	187.5
TY Exports										
United States	(Jun-May)	26.4	26.7	22.0	2.9	2.9	2.8	47.0	68.6	63.5
Other		168.0	172.0	182.8	42.4	48.7	48.6	128.7	115.1	129.1
World Total		194.4	198.7	204.8	45.3	51.6	51.4	175.7	183.7	192.6

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 Feb	2021/22 Mar
TY Exports						
Argentina	14,000	12,680	13,608	9,597	14,500	14,500
Australia	15,512	9,835	10,118	19,720	26,000	27,000
Brazil	245	594	408	911	1,500	1,700
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	37,500
India	517	494	595	3,597	7,000	10,000
Kazakhstan	8,519	8,780	6,888	8,128	7,300	7,400
Russia	41,447	35,863	34,485	39,100	35,000	32,000
Turkey	6,725	6,676	6,633	6,571	6,250	6,250
Ukraine	17,775	16,019	21,016	16,851	24,000	20,000
Others	12,080	11,827	11,491	10,103	11,398	10,988
Subtotal	163,734	151,929	168,021	172,041	185,948	182,838
United States	23,230	26,202	26,390	26,702	22,500	22,000
World Total	186,964	178,131	194,411	198,743	208,448	204,838
TY Imports						
Afghanistan	3,300	3,700	3,000	3,000	2,800	2,600
Algeria	8,172	7,515	7,145	7,680	7,700	7,500
Bangladesh	6,472	5,100	6,800	7,200	7,500	7,500
Brazil	6,702	7,442	7,063	6,359	6,700	6,700
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	13,000	12,500
European Union	6,060	5,763	5,551	5,379	5,200	4,800
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	3,100
Japan	5,876	5,726	5,683	5,493	5,600	5,600
Kenya	2,158	2,000	2,500	2,092	2,200	2,000
Korea, South	4,269	3,908	3,941	3,889	4,500	4,500
Mexico	5,245	4,861	5,080	4,724	5,100	5,100
Morocco	3,672	3,724	4,879	5,191	5,000	5,000
Nigeria	5,162	4,659	5,338	6,586	6,200	6,200
Philippines	6,059	7,570	7,065	6,113	6,500	6,500
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	11,000	10,000
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	3,800	4,100
Yemen	3,010	3,675	3,728	4,043	3,600	3,400
Others	56,085	51,468	56,751	59,885	60,839	59,889
Subtotal	178,639	170,896	186,616	192,186	201,839	198,489
Unaccounted	3,951	3,740	4,962	3,868	3,809	3,699
United States	4,374	3,495	2,833	2,689	2,800	2,650
World Total	186,964	178,131	194,411	198,743	208,448	204,838

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 Feb	2021/22 Mar
Production						
Argentina	18,500	19,500	19,750	17,640	20,500	20,500
Australia	20,941	17,598	14,480	33,300	34,000	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	126,930	138,900	139,000
India	98,510	99,870	103,600	107,860	109,520	109,590
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	24,946	27,000	27,000
Russia	85,167	71,685	73,610	85,352	75,500	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	60,058	59,619	65,690	63,058	63,846	63,822
Subtotal	714,183	680,202	709,791	726,253	731,628	733,732
United States	47,380	51,306	52,581	49,751	44,790	44,790
World Total	761,563	731,508	762,372	776,004	776,418	778,522
Total Consumption						
Algeria	10,450	10,750	10,950	11,250	11,370	11,370
Brazil	12,000	12,100	12,100	12,050	12,600	12,500
Canada	9,031	9,120	9,750	9,111	9,600	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	21,000
European Union	113,500	106,300	107,250	104,750	107,650	107,650
India	95,677	95,629	95,403	102,217	104,250	103,500
Indonesia	10,600	10,600	10,300	10,100	10,500	10,500
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	26,200	27,200	27,200
Russia	43,000	40,500	40,000	42,500	41,750	41,750
Turkey	18,300	18,800	20,000	20,600	21,500	21,250
Ukraine	9,800	8,800	8,300	8,700	8,600	9,600
United Kingdom	16,378	15,417	15,196	13,455	15,300	15,300
Others	180,629	177,826	182,170	184,875	187,392	186,892
Subtotal	713,015	705,192	716,317	752,080	757,244	756,448
United States	29,245	29,986	30,436	30,476	30,835	30,835
World Total	742,260	735,178	746,753	782,556	788,079	787,283
Ending Stocks						
Algeria	4,529	5,219	5,358	5,685	5,605	5,405
China	129,508	138,088	150,015	144,120	142,166	142,166
European Union	17,897	15,798	13,110	10,929	9,879	9,579
India	13,230	16,992	24,700	27,800	26,095	25,415
Iran	6,766	4,936	4,786	4,336	4,786	4,786
Russia	12,010	7,778	7,228	11,380	10,632	13,088
Ukraine	1,238	1,555	1,504	1,505	2,005	5,005
Others	69,791	61,454	62,139	61,517	59,405	58,299
Subtotal	254,969	251,820	268,840	267,272	260,573	263,743
United States	29,907	29,386	27,985	23,001	17,633	17,769
World Total	284,876	281,206	296,825	290,273	278,206	281,512

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Feb 2021/22	Mar 2021/22
TY Imports						
North America	10,071	8,832	8,589	7,962	8,500	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	15,419	15,319
European Union	6,060	5,763	5,551	5,379	5,200	4,800
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	9,460	9,810
Middle East	25,517	24,687	31,100	27,178	37,080	35,880
North Africa	27,441	26,956	27,991	28,246	29,000	28,200
Sub-Saharan Africa	25,311	22,572	26,953	26,581	26,860	26,010
East Asia	16,533	15,011	17,270	22,206	21,900	21,700
South Asia	12,137	10,059	11,307	15,737	14,560	14,160
Southeast Asia	27,255	27,757	27,561	26,505	27,050	27,300
Others	3,476	3,367	3,949	3,473	3,405	3,405
Total	183,013	174,391	189,449	194,875	204,639	201,139
Production						
North America	81,251	86,658	88,521	87,899	69,717	69,722
South America	25,897	28,857	28,770	27,833	32,245	32,245
European Union	136,681	123,124	138,799	126,930	138,900	139,000
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	133,949	133,585
Middle East	40,285	38,879	43,246	43,177	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	8,874	8,876
East Asia	135,552	132,834	135,199	135,744	138,705	138,705
South Asia	132,595	131,655	136,335	141,207	144,151	144,221
Oceania	21,346	17,969	14,878	33,754	34,450	36,741
Others	136	96	101	101	100	100
Total	761,563	731,508	762,372	776,004	776,418	778,522
Domestic Consumption						
North America	45,976	46,606	47,586	46,787	47,835	47,735
South America	28,948	28,895	29,665	29,935	30,835	30,755
European Union	113,500	106,300	107,250	104,750	107,650	107,650
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	77,780	78,790
Middle East	59,505	59,939	63,000	64,442	65,925	65,475
North Africa	45,225	46,100	46,250	46,820	48,020	47,920
Sub-Saharan Africa	31,887	30,321	33,076	34,483	34,935	34,315
East Asia	134,285	137,750	138,638	162,468	160,756	160,556
South Asia	138,550	138,996	139,880	148,136	151,576	150,626
Southeast Asia	26,395	26,165	26,355	25,830	26,285	26,575
Oceania	9,905	10,610	9,410	9,435	9,955	10,455
Others	3,821	3,614	3,704	3,818	3,910	3,910
Total	740,810	733,128	741,255	774,684	786,147	785,447
Ending Stocks						
North America	37,407	36,030	33,869	28,951	21,210	21,151
South America	4,032	4,791	5,498	5,121	5,099	5,266
European Union	17,897	15,798	13,110	10,929	9,879	9,579
Other Europe	3,085	3,224	3,865	2,521	3,040	3,066
Former Soviet Union - 12	21,055	14,772	13,422	18,797	17,273	23,152
Middle East	18,197	14,272	17,569	16,256	15,140	14,390
North Africa	14,871	15,537	14,357	11,835	13,400	13,100
Sub-Saharan Africa	3,391	2,925	4,114	4,137	3,925	3,697
East Asia	132,655	141,028	153,011	146,913	145,042	145,042
South Asia	21,313	21,466	28,203	33,840	33,345	32,465
Southeast Asia	5,679	6,186	6,240	5,729	5,334	5,294
Oceania	4,897	4,769	3,029	4,640	4,870	4,661
Others	397	408	538	604	649	649
Total	284,876	281,206	296,825	290,273	278,206	281,512

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 Feb	2021/22 Mar
TY Exports						
Argentina	375	388	335	400	370	370
Australia	262	134	42	73	270	250
Brazil	1,245	954	1,240	782	900	800
Burma	2,750	2,700	2,300	1,900	1,900	1,900
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	570	527	506	450	440	440
Guyana	448	511	552	406	440	430
India	11,791	9,813	14,577	21,191	20,000	20,500
Pakistan	3,913	4,550	3,934	3,928	4,150	4,150
Paraguay	653	689	803	640	630	630
Thailand	11,213	7,562	5,706	6,062	6,500	6,600
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	1,409	1,322	1,352
Subtotal	45,555	40,799	42,416	48,716	48,122	48,622
United States	2,776	3,142	2,858	2,915	2,825	2,775
World Total	48,331	43,941	45,274	51,631	50,947	51,397
TY Imports						
Brazil	537	691	876	685	650	680
China	4,500	2,800	3,200	4,921	4,700	4,700
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	1,633	1,799	1,994	1,800	1,925	1,925
Ghana	830	900	850	1,050	950	950
Guinea	865	530	670	940	800	800
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
Kenya	600	610	600	600	650	650
Madagascar	390	440	450	560	700	700
Malaysia	800	1,000	1,220	1,150	1,100	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	2,900
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	600	650
United Arab Emirates	775	850	850	750	900	900
United Kingdom	536	587	654	600	650	650
Others	18,087	15,195	15,990	18,785	16,648	16,878
Subtotal	45,356	41,366	42,641	48,646	48,058	48,468
Unaccounted	2,059	1,593	1,423	2,006	1,889	1,929
United States	916	982	1,210	979	1,000	1,000
World Total	48,331	43,941	45,274	51,631	50,947	51,397

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 Feb	2021/22 Mar
Milled Production						
Bangladesh	32,650	34,909	35,850	34,600	35,850	35,850
Brazil	8,204	7,140	7,602	8,001	7,684	7,276
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	124,370	125,000	129,000
Indonesia	37,000	34,200	34,700	35,300	35,400	35,400
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	8,419	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	19,300	19,700
Vietnam	27,657	27,344	27,100	27,381	27,194	27,194
Others	43,511	44,042	46,616	46,754	45,055	44,825
Subtotal	489,331	490,620	492,945	502,453	504,215	507,977
United States	5,659	7,107	5,877	7,224	6,090	6,090
World Total	494,990	497,727	498,822	509,677	510,305	514,067
Consumption and Residual						
Bangladesh	35,200	35,400	35,700	36,100	36,700	36,700
Brazil	7,650	7,350	7,300	7,450	7,550	7,450
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	154,840
Egypt	4,200	4,200	4,300	4,300	4,250	4,250
India	98,669	99,160	101,950	101,071	103,000	103,500
Indonesia	37,000	36,300	36,000	35,800	35,600	35,600
Japan	8,600	8,400	8,350	8,250	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	7,250	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	14,950
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	73,550	73,729
Subtotal	477,425	480,355	489,155	499,061	505,779	506,437
United States	4,299	4,577	4,586	4,847	4,620	4,619
World Total	481,724	484,932	493,741	503,908	510,399	511,056
Ending Stocks						
China	109,000	115,000	116,500	116,500	113,000	113,000
India	22,600	29,500	33,900	37,000	38,000	42,000
Indonesia	5,563	4,063	3,313	3,410	3,810	3,810
Pakistan	1,431	948	1,149	1,898	2,353	2,353
Philippines	2,288	3,520	3,597	3,763	4,213	4,213
Thailand	2,852	4,080	3,979	4,280	4,280	4,580
Vietnam	1,034	1,097	1,180	2,639	2,433	2,433
Others	18,164	17,028	17,213	16,633	17,177	17,037
Subtotal	162,932	175,236	180,831	186,123	185,266	189,426
United States	933	1,424	910	1,387	1,063	1,095
World Total	163,865	176,660	181,741	187,510	186,329	190,521

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	Feb 2021/22	Mar 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	1,782	1,872
Other Europe	647	707	777	710	775	775
Former Soviet Union - 12	555	569	517	585	519	569
Middle East	6,655	7,208	6,957	6,156	7,040	7,040
North Africa	591	1,022	575	595	1,085	1,085
Sub-Saharan Africa	14,589	13,815	14,315	15,898	16,460	16,460
East Asia	6,141	4,404	4,805	6,562	6,415	6,415
South Asia	2,644	951	1,405	4,369	2,905	3,005
Southeast Asia	6,795	5,815	5,399	7,182	5,862	5,962
European Union	1,633	1,799	1,994	1,800	1,925	1,925
Total	46,272	42,348	43,851	49,625	49,058	49,468
Production						
North America	5,842	7,295	6,052	7,425	6,300	6,283
Caribbean	932	1,010	957	886	882	876
South America	16,945	15,963	16,238	17,077	16,523	16,090
European Union	2,030	1,965	1,990	1,951	1,854	1,854
Former Soviet Union - 12	1,236	1,283	1,349	1,386	1,301	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	174,818	176,514	180,514
Southeast Asia	120,044	116,064	113,198	116,044	116,545	116,945
Total	494,990	497,727	498,822	509,677	510,305	514,067
Domestic Consumption						
North America	5,577	5,911	5,982	6,219	6,000	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	1,987	1,981
South America	15,025	14,855	14,862	15,053	15,210	15,143
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	1,609	1,661
Middle East	9,018	9,207	9,426	9,109	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	35,361	36,373	36,223
East Asia	159,061	158,933	161,013	165,580	170,040	170,040
South Asia	144,670	145,573	149,359	149,840	152,890	153,540
Southeast Asia	102,274	102,952	103,718	104,394	105,376	105,426
Total	481,151	484,951	492,706	499,615	509,260	509,788
Ending Stocks						
North America	1,084	1,578	1,085	1,595	1,301	1,316
Central America	299	309	333	208	256	255
Caribbean	275	303	327	329	339	339
South America	2,294	1,922	1,528	2,109	1,773	1,607
European Union	1,176	1,189	1,266	1,157	1,056	1,056
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	2,306	2,256
East Asia	113,196	118,766	120,224	119,931	116,704	116,698
South Asia	25,847	32,370	37,257	41,143	43,355	47,355
Southeast Asia	13,557	14,880	14,112	15,950	16,531	16,981
Oceania	232	52	15	95	245	155
Total	163,865	176,660	181,741	187,510	186,329	190,521

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 Feb	2021/22 Mar
TY Exports						
Argentina	27,208	36,134	42,943	40,977	48,102	48,602
Australia	7,156	4,049	3,627	9,679	10,575	11,275
Brazil	25,121	38,812	34,141	27,504	32,025	32,525
Canada	5,753	5,805	5,278	7,190	4,050	4,250
European Union	8,885	10,412	13,492	12,550	12,755	12,725
India	1,200	537	1,158	3,735	2,555	2,855
Russia	11,379	7,402	9,292	9,871	9,200	9,200
Serbia	878	2,906	3,201	3,291	2,101	2,101
South Africa	2,368	1,190	2,465	2,756	3,210	3,510
Ukraine	21,438	34,874	34,088	29,049	39,810	33,580
Others	11,996	13,136	12,339	11,566	10,554	10,654
Subtotal	123,382	155,257	162,024	158,168	174,937	171,277
United States	68,633	51,838	52,589	76,014	69,710	71,710
World Total	192,015	207,095	214,613	234,182	244,647	242,987
TY Imports						
Algeria	4,492	5,284	5,672	4,976	5,510	5,010
Bangladesh	1,145	1,385	2,010	1,847	2,210	2,010
Brazil	1,527	1,797	1,995	2,679	3,001	3,001
Canada	1,837	2,570	1,972	1,869	3,912	3,962
Chile	1,976	2,431	2,838	2,557	2,840	2,840
China	16,425	10,540	17,480	50,531	47,150	47,350
Colombia	5,582	6,390	6,285	6,132	6,480	6,480
Egypt	9,541	9,568	10,444	9,653	10,320	9,720
European Union	19,311	26,290	18,675	15,815	16,430	16,450
Guatemala	1,091	1,224	1,527	1,346	1,700	1,700
Iran	11,600	12,200	9,100	10,200	10,900	10,900
Israel	2,145	1,896	2,397	2,002	2,210	1,900
Japan	17,563	17,726	17,633	16,979	17,240	17,240
Jordan	1,422	1,666	1,506	1,487	1,800	1,800
Korea, South	10,192	10,964	11,978	11,810	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	9,210	9,710
Taiwan	4,513	4,610	4,660	4,472	4,585	4,585
Thailand	847	1,406	2,287	2,889	3,000	2,600
Turkey	4,184	4,044	4,011	3,428	5,460	4,950
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	24,283	25,481	25,051
Subtotal	187,817	196,712	203,412	226,779	235,658	233,478
Unaccounted	1,272	7,758	8,209	4,873	6,588	7,058
United States	2,926	2,625	2,992	2,530	2,401	2,451
World Total	192,015	207,095	214,613	234,182	244,647	242,987

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 Feb	2021/22 Mar
Production						
Argentina	39,320	58,798	57,940	59,502	63,386	62,386
Australia	12,191	11,507	12,001	16,687	17,047	18,097
Brazil	85,058	104,334	105,815	90,962	118,023	118,023
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	155,212	154,945	154,815
India	46,943	43,212	47,660	51,370	47,570	50,066
Indonesia	11,900	12,000	12,000	11,800	12,000	12,000
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	38,310	38,538
South Africa	13,552	12,417	16,367	17,814	17,603	16,854
Turkey	12,271	13,251	14,451	15,761	11,581	11,581
Ukraine	34,071	44,503	46,545	39,585	53,585	53,265
Others	174,726	186,187	183,717	192,437	188,133	188,095
Subtotal	978,309	1,024,358	1,057,652	1,061,101	1,098,649	1,100,186
United States	384,387	377,905	359,434	372,887	398,707	398,707
World Total	1,362,696	1,402,263	1,417,086	1,433,988	1,497,356	1,498,893
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	77,026
Canada	23,126	24,114	24,930	24,683	24,998	24,848
China	282,598	287,812	296,210	313,107	324,350	324,550
Egypt	16,779	17,136	17,964	17,265	17,678	17,078
Ethiopia	18,556	18,161	18,451	18,878	17,925	17,925
European Union	152,900	158,504	158,938	159,728	158,593	158,473
India	44,769	44,571	45,775	47,546	46,340	47,540
Japan	17,642	17,953	17,867	17,200	17,771	17,771
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	29,910	29,909
Turkey	15,361	16,651	17,761	18,051	17,801	17,301
Ukraine	11,772	11,358	11,994	12,407	12,942	16,017
Vietnam	13,777	14,333	14,750	17,200	16,450	16,450
Others	275,788	286,202	289,065	299,216	302,134	300,826
Subtotal	1,052,399	1,100,357	1,111,475	1,134,252	1,167,894	1,169,158
United States	324,417	322,984	320,728	315,700	323,747	324,381
World Total	1,376,816	1,423,341	1,432,203	1,449,952	1,491,641	1,493,539
Ending Stocks						
Brazil	9,707	5,671	5,821	5,217	5,790	5,690
China	222,994	210,660	200,956	207,455	211,057	211,057
European Union	16,235	14,505	14,157	14,057	14,134	14,174
India	3,530	2,072	3,093	3,410	2,345	3,226
Mexico	6,181	5,784	4,138	3,604	3,863	3,863
South Africa	2,909	1,346	2,439	3,132	3,756	2,773
Ukraine	2,908	2,043	2,550	1,654	2,483	5,318
Others	50,480	49,233	51,684	48,162	41,946	40,825
Subtotal	314,944	291,314	284,838	286,691	285,374	286,926
United States	57,919	60,471	51,830	34,013	41,628	39,132
World Total	372,863	351,785	336,668	320,704	327,002	326,058

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Feb 2021/22	Mar 2021/22
TY Imports						
North America	21,159	22,610	22,540	21,700	24,363	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	18,223	18,198
European Union	19,311	26,290	18,675	15,815	16,430	16,450
Former Soviet Union - 12	701	1,025	1,134	760	880	850
Middle East	35,950	34,061	34,003	32,172	35,201	34,781
North Africa	19,245	20,875	23,565	21,162	22,187	20,987
Sub-Saharan Africa	3,287	3,494	3,857	3,552	3,783	3,893
East Asia	48,740	43,904	51,829	83,831	80,835	81,035
Southeast Asia	15,552	17,874	19,960	19,999	21,065	20,665
Others	5,541	6,787	6,664	6,337	7,019	6,534
Total	190,743	199,337	206,404	229,309	238,059	235,929
Production						
North America	443,821	437,578	420,140	435,193	456,271	456,271
South America	139,324	178,762	178,379	164,369	195,886	194,886
European Union	143,907	140,703	152,817	155,212	154,945	154,815
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	104,701	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	12,669
Sub-Saharan Africa	119,324	122,845	121,436	130,081	130,947	130,198
East Asia	268,365	268,346	272,204	271,809	283,699	283,699
South Asia	60,202	57,708	63,353	68,362	64,777	67,273
Southeast Asia	34,841	34,883	33,642	35,187	34,820	34,820
Oceania	12,700	12,103	12,608	17,238	17,658	18,650
Others	4,997	4,549	4,527	4,418	4,555	4,555
Total	1,362,696	1,402,263	1,417,086	1,433,988	1,497,356	1,498,893
Domestic Consumption						
North America	395,953	397,603	395,968	390,218	399,285	399,769
South America	110,739	115,248	117,529	117,741	122,384	122,339
European Union	152,900	158,504	158,938	159,728	158,593	158,473
Other Europe	17,285	18,156	18,590	20,824	19,000	18,993
Former Soviet Union - 12	54,607	51,017	56,418	56,524	55,029	58,018
Middle East	54,733	54,897	56,220	56,142	55,577	54,767
North Africa	31,665	32,563	35,509	33,126	34,785	33,585
Sub-Saharan Africa	120,282	125,355	122,393	127,873	129,543	129,643
East Asia	317,259	324,394	333,535	349,438	361,364	361,564
South Asia	60,446	60,944	62,956	67,337	66,371	67,570
Southeast Asia	47,320	48,199	48,301	53,359	53,663	53,263
Oceania	6,482	8,138	8,308	7,709	8,071	8,111
Others	11,483	11,476	11,784	11,706	12,421	12,421
Total	1,381,154	1,406,494	1,426,449	1,451,725	1,476,086	1,478,516
Ending Stocks						
North America	68,663	69,543	59,951	41,226	48,178	45,682
South America	16,767	12,752	13,725	9,885	11,433	9,981
European Union	16,235	14,505	14,157	14,057	14,134	14,174
Other Europe	2,359	2,827	3,005	2,916	2,472	2,472
Former Soviet Union - 12	5,943	4,973	6,280	5,218	5,143	8,213
Middle East	7,199	5,566	6,520	6,222	4,861	4,821
North Africa	3,324	3,777	3,846	3,185	3,251	3,251
Sub-Saharan Africa	12,825	11,016	10,162	11,441	12,129	11,146
East Asia	227,462	215,242	205,707	211,901	215,021	215,021
South Asia	5,142	3,772	5,015	5,608	4,195	4,870
Southeast Asia	3,241	4,146	4,271	5,731	3,474	3,474
Oceania	2,391	2,516	3,098	2,435	1,640	1,882
Others	1,312	1,150	931	879	1,071	1,071
Total	372,863	351,785	336,668	320,704	327,002	326,058

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 Feb	2021/22 Mar
TY Exports						
Argentina	24,198	32,879	39,917	36,544	42,000	42,500
Brazil	25,116	38,773	34,137	27,492	32,000	32,500
Burma	1,350	1,500	2,209	1,850	1,800	1,800
European Union	2,732	4,273	5,388	3,733	4,900	4,900
India	1,076	482	1,125	3,677	2,500	2,800
Paraguay	1,476	2,559	2,081	2,563	1,700	1,700
Russia	5,532	2,770	4,072	3,989	4,500	4,500
Serbia	819	2,836	3,123	3,157	2,000	2,000
South Africa	2,361	1,183	2,456	2,751	3,200	3,500
Ukraine	18,036	30,321	28,929	23,864	33,500	27,500
Others	8,018	6,765	5,300	5,519	5,396	5,426
Subtotal	90,714	124,341	128,737	115,139	133,496	129,126
United States	63,657	49,297	46,992	68,558	61,500	63,500
World Total	154,371	173,638	175,729	183,697	194,996	192,626
TY Imports						
Algeria	4,046	4,816	5,156	4,186	4,800	4,300
Bangladesh	1,145	1,358	2,003	1,838	2,200	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	2,700
China	3,456	4,483	7,580	29,512	26,000	26,000
Colombia	5,201	6,048	5,976	5,795	6,100	6,100
Dominican Republic	1,329	1,536	1,354	1,495	1,400	1,400
Egypt	9,464	9,367	10,432	9,633	10,300	9,700
European Union	17,667	23,583	17,384	14,488	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	8,300
Israel	1,861	1,611	1,992	1,493	1,800	1,500
Japan	15,668	16,050	15,888	15,479	15,600	15,600
Korea, South	10,018	10,856	11,882	11,714	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	3,300	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	19,927	19,487
Subtotal	151,630	167,178	168,836	179,739	189,427	186,887
Unaccounted	1,903	5,660	5,934	3,329	4,919	5,089
United States	838	800	959	629	650	650
World Total	154,371	173,638	175,729	183,697	194,996	192,626

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 Feb	2021/22 Mar
Production						
Argentina	32,000	51,000	51,000	51,500	54,000	53,000
Brazil	82,000	101,000	102,000	87,000	114,000	114,000
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	67,092	69,960	69,800
India	28,753	27,715	28,766	31,650	30,000	32,500
Indonesia	11,900	12,000	12,000	11,800	12,000	12,000
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	7,236	7,800	7,600	7,600
Philippines	7,980	7,608	8,030	8,352	8,100	8,100
Russia	13,201	11,415	14,275	13,872	15,000	15,225
South Africa	13,104	11,824	15,844	16,951	17,000	16,300
Ukraine	24,115	35,805	35,887	30,297	42,000	41,900
Others	107,944	113,941	110,377	116,380	117,006	117,040
Subtotal	710,564	763,335	773,634	764,830	821,402	822,201
United States	371,096	364,262	345,962	358,447	383,943	383,943
World Total	1,081,660	1,127,597	1,119,596	1,123,277	1,205,345	1,206,144
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	72,500
Canada	13,909	15,088	13,958	14,012	17,000	17,000
China	263,000	274,000	278,000	285,000	294,000	294,000
Egypt	15,900	16,200	16,900	16,400	16,800	16,200
European Union	75,200	85,000	79,000	77,600	79,900	79,800
India	26,700	28,500	27,200	27,850	28,600	29,800
Indonesia	12,400	12,900	12,600	12,800	13,300	13,300
Japan	15,600	16,000	15,950	15,400	15,850	15,850
Korea, South	10,000	10,947	11,795	11,857	11,850	11,850
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
Russia	8,300	8,500	9,800	10,000	10,900	10,900
South Africa	12,230	12,536	12,200	13,000	13,300	13,300
Vietnam	13,600	14,200	14,550	16,450	15,650	15,650
Others	185,163	190,224	192,490	198,032	204,990	206,533
Subtotal	778,182	836,262	826,074	831,617	879,942	880,757
United States	313,991	310,391	309,547	306,542	315,228	315,863
World Total	1,092,173	1,146,653	1,135,621	1,138,159	1,195,170	1,196,620
Ending Stocks						
Brazil	9,315	5,311	5,328	4,728	5,328	5,228
China	222,541	210,179	200,526	205,704	210,236	210,236
European Union	8,983	7,644	7,382	7,629	7,789	7,729
India	2,329	1,346	1,863	2,098	1,158	2,023
Mexico	5,649	5,160	3,515	3,079	3,179	3,179
South Africa	2,672	1,020	2,117	2,578	3,327	2,378
Ukraine	1,567	891	1,478	832	1,447	4,347
Others	33,986	34,392	35,362	33,440	30,648	29,280
Subtotal	287,042	265,943	257,571	260,088	263,112	264,400
United States	54,367	56,410	48,757	31,358	39,110	36,570
World Total	341,409	322,353	306,328	291,446	302,222	300,970

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Feb 2021/22	Mar 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	16,945	16,920
European Union	17,667	23,583	17,384	14,488	15,000	15,000
Former Soviet Union - 12	440	588	564	315	491	441
Middle East	22,130	22,038	21,005	18,175	21,960	21,060
North Africa	17,246	18,531	20,306	17,899	19,600	18,400
Sub-Saharan Africa	2,480	2,793	3,110	2,889	2,885	2,995
East Asia	33,599	35,961	40,008	61,130	57,850	57,850
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	6,511	6,036
Total	152,468	167,978	169,795	180,368	190,077	187,537
Production						
North America	412,761	405,818	386,024	399,356	425,527	425,527
South America	126,174	164,761	164,717	149,136	179,100	178,100
European Union	62,021	64,351	66,742	67,092	69,960	69,800
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	63,095	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	84,297	83,597
East Asia	261,417	260,184	263,488	263,026	275,012	275,012
South Asia	40,972	41,202	43,318	47,483	46,083	48,583
Central America	3,877	3,441	3,516	3,465	3,606	3,606
Southeast Asia	34,551	34,593	33,352	34,897	34,530	34,530
Others	1,310	1,233	1,118	1,181	1,265	1,278
Total	1,081,660	1,127,597	1,119,596	1,123,277	1,205,345	1,206,144
Domestic Consumption						
North America	370,400	369,579	367,305	364,354	376,428	377,063
South America	98,398	103,926	105,602	106,074	110,370	110,315
European Union	75,200	85,000	79,000	77,600	79,900	79,800
Other Europe	8,002	9,433	9,286	10,235	9,505	9,508
Former Soviet Union - 12	19,202	20,312	21,985	22,245	24,320	27,295
Middle East	27,919	28,778	28,114	26,901	30,385	29,485
North Africa	24,400	24,600	27,190	25,730	26,200	25,000
Sub-Saharan Africa	77,131	77,690	77,240	80,137	82,190	82,300
East Asia	295,227	308,273	313,031	319,196	328,750	328,750
South Asia	41,206	43,789	43,216	46,462	47,485	48,685
Southeast Asia	46,667	47,519	47,066	51,217	51,325	51,325
Central America	7,830	7,990	8,370	8,410	8,810	8,810
Others	3,911	3,797	3,635	3,532	4,000	4,010
Total	1,095,493	1,130,686	1,131,040	1,142,093	1,179,668	1,182,346
Ending Stocks						
North America	62,433	63,549	54,832	36,606	44,242	41,702
South America	15,045	10,833	11,833	8,081	9,736	8,280
European Union	8,983	7,644	7,382	7,629	7,789	7,729
Other Europe	919	1,433	1,318	1,537	1,072	1,072
Former Soviet Union - 12	2,582	2,200	3,260	2,213	2,777	5,898
Middle East	3,213	2,919	3,196	3,090	2,874	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	10,430	9,481
East Asia	226,591	214,436	204,897	209,853	213,945	213,945
South Asia	3,928	3,032	3,774	4,282	2,996	3,655
Southeast Asia	3,230	4,135	4,262	5,725	3,468	3,468
Central America	1,052	903	797	692	923	923
Others	354	330	197	275	233	236
Total	341,409	322,353	306,328	291,446	302,222	300,970

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 Feb	2021/22 Mar
TY Exports						
Argentina	2,537	3,001	2,598	2,458	3,500	3,500
Australia	6,088	3,666	3,231	8,007	8,500	9,000
Canada	1,868	2,269	2,520	3,520	1,600	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	700
Moldova	85	53	25	40	80	150
Russia	5,661	4,320	5,141	5,691	4,500	4,500
Ukraine	3,188	4,407	4,990	5,053	6,000	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	308
Subtotal	27,898	27,126	29,269	36,348	33,938	34,508
United States	102	101	155	350	175	175
World Total	28,000	27,227	29,424	36,698	34,113	34,683
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	1,200
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	1,131	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	5,400	5,900
Thailand	147	206	685	1,043	1,200	800
Tunisia	674	487	751	950	700	700
Turkey	774	375	1,007	1,634	2,100	2,100
United Arab Emirates	263	476	443	519	500	500
Vietnam	177	133	198	747	800	800
Others	1,551	1,846	1,309	2,030	1,636	1,706
Subtotal	28,283	25,135	27,865	35,845	33,086	33,256
Unaccounted	-453	1,959	1,402	717	827	1,177
United States	170	133	157	136	200	250
World Total	28,000	27,227	29,424	36,698	34,113	34,683

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 Feb	2021/22 Mar
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	13,000	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	54,234	52,750	52,800
India	1,747	1,781	1,633	1,720	1,670	1,666
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	17,500	17,505
Turkey	6,400	7,000	7,900	8,100	4,500	4,500
Ukraine	8,695	7,604	9,528	7,947	10,200	9,900
United Kingdom	7,169	6,510	8,048	8,117	7,000	7,000
Others	10,572	9,923	13,667	13,573	11,061	10,965
Subtotal	140,045	136,269	155,000	156,315	143,226	143,581
United States	3,119	3,343	3,756	3,719	2,562	2,562
World Total	143,164	139,612	158,756	160,034	145,788	146,143
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	5,750	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	48,250	46,500	46,500
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	2,100
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	5,825	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	23,844	22,957	22,431
Subtotal	142,008	137,353	152,875	157,472	147,240	147,410
United States	3,466	3,537	3,922	3,753	2,831	2,830
World Total	145,474	140,890	156,797	161,225	150,071	150,240
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	969	1,169
European Union	5,592	5,457	5,207	5,012	4,962	5,012
Saudi Arabia	1,841	1,327	1,016	1,002	988	988
Ukraine	1,149	1,008	953	661	871	771
United Kingdom	1,076	1,091	1,357	1,040	1,048	1,048
Others	7,064	6,119	7,544	8,063	5,285	5,280
Subtotal	19,403	18,298	20,394	19,395	15,421	15,566
United States	2,057	1,884	1,747	1,555	1,243	1,287
World Total	21,460	20,182	22,141	20,950	16,664	16,853

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Feb 2021/22	Mar 2021/22
TY Imports						
North America	227	253	589	936	700	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	1,200
Other Europe	183	252	175	203	183	183
Former Soviet Union - 12	229	395	464	422	376	396
Middle East	13,758	11,967	12,942	13,938	13,110	13,610
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	13,272	11,860	11,860
South Asia	114	296	89	34	90	90
Oceania	19	14	7	46	40	40
Total	28,453	25,268	28,022	35,981	33,286	33,506
Production						
North America	12,015	12,719	15,149	15,365	10,470	10,470
South America	4,862	6,129	5,135	5,741	6,574	6,574
European Union	51,482	49,470	55,180	54,234	52,750	52,800
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	32,997	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	5,238
Sub-Saharan Africa	2,465	2,369	2,929	3,127	2,835	2,816
East Asia	1,381	2,347	2,435	2,402	2,383	2,383
South Asia	1,943	1,936	1,981	2,066	1,976	1,972
Oceania	9,552	9,199	10,511	13,438	13,400	14,024
Total	143,164	139,612	158,756	160,034	145,788	146,143
Domestic Consumption						
North America	11,281	11,095	13,330	12,800	9,931	9,780
South America	3,780	3,716	3,898	4,217	3,994	4,004
European Union	46,900	45,600	49,500	48,250	46,500	46,500
Other Europe	7,575	7,032	7,378	8,710	7,577	7,577
Former Soviet Union - 12	24,589	21,759	25,805	24,622	22,524	22,464
Middle East	25,727	25,012	27,056	28,187	24,078	24,178
North Africa	6,359	7,076	7,419	6,505	7,658	7,658
Sub-Saharan Africa	2,755	2,360	2,913	2,962	3,030	3,030
East Asia	10,914	8,645	9,740	14,662	15,185	15,185
South Asia	2,214	2,103	2,221	2,261	2,018	2,017
Oceania	4,050	5,385	6,390	5,900	5,925	5,850
Total	146,468	140,122	156,535	160,869	150,420	149,843
Ending Stocks						
North America	3,716	3,109	3,166	2,676	2,072	2,116
South America	705	1,035	1,018	962	820	824
European Union	5,592	5,457	5,207	5,012	4,962	5,012
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	1,829	1,744
Middle East	3,956	2,617	3,304	3,112	1,927	1,927
North Africa	806	1,249	1,420	1,320	1,470	1,470
Sub-Saharan Africa	332	348	404	575	485	466
East Asia	469	612	631	1,643	701	701
South Asia	253	264	235	127	170	166
Oceania	1,813	1,946	2,755	2,011	1,021	1,220
Total	21,460	20,182	22,141	20,950	16,664	16,853

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 Feb	2021/22 Mar
TY Exports						
Argentina	473	254	426	1,973	2,600	2,600
Australia	449	91	102	1,209	1,400	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	75	65
Others	310	286	163	149	213	213
Subtotal	1,710	923	981	3,605	4,538	4,728
United States	4,839	2,410	5,404	7,052	8,000	8,000
World Total	6,549	3,333	6,385	10,657	12,538	12,728
TY Imports						
Chile	49	73	36	26	70	70
China	4,436	652	3,709	8,669	10,300	10,500
Eritrea	30	60	35	60	70	70
Ethiopia	6	6	61	5	50	50
Japan	577	449	426	299	320	320
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	80
Others	992	1,079	429	355	430	430
Subtotal	6,707	3,245	5,626	9,937	11,870	12,070
Unaccounted	-209	87	758	719	667	657
United States	51	1	1	1	1	1
World Total	6,549	3,333	6,385	10,657	12,538	12,728

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 Feb	2021/22 Mar
Production						
Argentina	3,000	2,500	2,500	3,320	3,750	3,750
Australia	1,257	1,160	397	1,500	2,000	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	1,102	1,035	1,015
India	4,803	3,480	4,772	4,800	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	7,457	7,614	7,498	7,508
Subtotal	48,788	50,170	49,262	52,486	53,933	54,223
United States	9,192	9,271	8,673	9,474	11,375	11,375
World Total	57,980	59,441	57,935	61,960	65,308	65,598
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	13,300	13,500
Ethiopia	5,000	5,000	5,300	4,900	5,200	5,200
European Union	950	1,554	1,128	1,123	1,043	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	5,050
Others	8,260	8,672	7,515	7,498	7,803	7,923
Subtotal	54,658	52,428	55,180	59,890	61,567	61,857
United States	4,119	6,212	4,365	2,514	3,175	3,175
World Total	58,777	58,640	59,545	62,404	64,742	65,032
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	587	417	437
Mexico	113	259	153	102	251	251
Sudan	386	631	110	243	223	223
Others	1,905	1,895	1,729	1,217	1,231	1,236
Subtotal	3,821	3,890	3,133	2,937	3,151	3,176
United States	885	1,617	764	516	843	843
World Total	4,706	5,507	3,897	3,453	3,994	4,019

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Feb 2021/22	Mar 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	41	41	41
North Africa	1	0	7	1	2	2
Sub-Saharan Africa	719	650	618	623	758	758
East Asia	5,139	1,175	4,180	9,030	10,675	10,875
Southeast Asia	22	36	41	28	25	25
Others	64	29	2	7	3	3
Total	6,758	3,246	5,627	9,938	11,871	12,071
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	1,102	1,035	1,015
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	29,238	29,218
East Asia	2,467	2,911	3,139	2,972	3,002	3,002
South Asia	4,957	3,629	4,912	4,945	4,550	4,550
Southeast Asia	50	50	50	50	50	50
Oceania	1,257	1,160	397	1,500	2,000	2,300
Others	183	194	192	107	140	170
Total	57,980	59,441	57,935	61,960	65,308	65,598
Domestic Consumption						
North America	8,819	11,312	9,365	7,014	7,925	7,925
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	5,453
European Union	950	1,554	1,128	1,123	1,043	1,023
Middle East	447	483	434	432	446	446
North Africa	754	753	769	755	757	757
Sub-Saharan Africa	27,640	29,279	28,538	29,337	29,731	29,721
East Asia	7,605	4,156	7,257	11,774	13,677	13,877
South Asia	4,817	3,726	4,641	4,700	4,650	4,650
Southeast Asia	66	85	81	83	73	73
Oceania	800	1,050	280	60	360	460
Others	101	122	93	98	80	110
Total	58,904	58,563	58,630	60,860	64,501	64,801
Ending Stocks						
North America	998	1,876	917	618	1,094	1,094
Central America	12	9	9	6	4	4
South America	892	740	683	620	650	650
European Union	138	101	54	32	34	34
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	1,175	1,170
East Asia	157	38	71	295	265	265
South Asia	274	153	394	587	417	437
Oceania	273	287	154	44	284	284
Others	56	62	39	17	27	37
Total	4,706	5,507	3,897	3,453	3,994	4,019

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 Feb	2021/22 Mar
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	200	150
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	2,405	2,355
United States	31	26	32	50	30	30
World Total	2,524	2,329	2,634	2,699	2,435	2,385
TY Imports						
Algeria	7	1	13	10	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	25	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	49
Subtotal	965	852	936	1,046	994	984
Unaccounted	16	80	107	78	141	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	2,435	2,385

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 Feb	2021/22 Mar
Production						
Algeria	110	110	110	110	110	110
Argentina	492	572	600	510	690	690
Australia	1,227	1,135	1,143	1,665	1,550	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	8,422	8,150	8,150
Kazakhstan	285	336	267	240	182	182
Norway	283	144	300	300	300	300
Russia	5,448	4,715	4,420	4,127	3,750	3,733
Turkey	250	230	230	240	250	250
Ukraine	481	423	427	515	465	480
United Kingdom	875	850	1,076	1,031	1,100	1,100
Others	372	411	359	366	447	442
Subtotal	22,954	21,384	22,448	24,518	22,077	22,120
United States	720	815	773	954	578	578
World Total	23,674	22,199	23,221	25,472	22,655	22,698
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	8,225	8,050	8,050
Kazakhstan	275	315	250	235	205	205
Mexico	200	255	210	235	240	240
Norway	320	250	345	320	325	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	726	787	792
Subtotal	21,633	20,706	20,834	22,485	21,324	21,279
United States	2,358	2,326	2,344	2,363	2,023	2,023
World Total	23,991	23,032	23,178	24,848	23,347	23,302
Ending Stocks						
Australia	196	191	114	283	243	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	439	389	439
Russia	167	60	195	188	139	122
United Kingdom	138	116	106	147	152	152
Others	358	318	368	385	373	378
Subtotal	2,424	1,637	1,695	2,301	1,766	1,844
United States	595	549	534	552	405	405
World Total	3,019	2,186	2,229	2,853	2,171	2,249

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Feb 2021/22	Mar 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	105	95
Former Soviet Union - 12	4	31	6	6	4	4
Middle East	0	0	0	0	10	10
North Africa	8	2	27	17	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	2,621	2,294	2,284
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	8,422	8,150	8,150
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	4,753	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	80	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	1,574	1,629
Total	23,674	22,199	23,221	25,472	22,655	22,698
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	8,225	8,050	8,050
Other Europe	1,361	1,325	1,534	1,501	1,525	1,515
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	136	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	1,024	1,029
Total	23,921	23,022	23,173	24,607	23,235	23,230
Ending Stocks						
North America	1,377	949	968	1,222	691	691
South America	125	144	191	222	227	227
European Union	500	371	332	439	389	439
Other Europe	202	167	158	194	199	199
Former Soviet Union - 12	330	177	322	341	245	243
Middle East	16	16	6	6	26	26
North Africa	2	1	3	0	0	0
Sub-Saharan Africa	24	15	25	34	39	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	246	286
Total	3,019	2,186	2,229	2,853	2,171	2,249

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 Feb	2021/22 Mar
TY Exports						
Belarus	0	0	0	22	5	5
Canada	227	152	147	148	150	150
European Union	103	191	274	95	135	155
Russia	152	178	6	101	50	50
Ukraine	84	42	8	58	220	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	150	170
Israel	21	17	8	18	30	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	50	40
Others	40	19	106	16	12	12
Subtotal	232	302	149	212	281	281
Unaccounted	15	-28	8	30	34	34
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 Feb	2021/22 Mar
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	8,050
Russia	2,540	1,914	1,424	2,376	1,700	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	12,312	12,328
United States	260	214	270	293	249	249
World Total	12,304	9,999	12,254	14,292	12,561	12,577
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	8,150
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	342	352
United Kingdom	42	38	36	37	40	40
Others	135	134	124	138	147	137
Subtotal	12,139	9,817	11,650	13,683	12,172	12,172
United States	483	518	550	528	490	490
World Total	12,622	10,335	12,200	14,211	12,662	12,662
Ending Stocks						
Belarus	61	35	44	31	34	34
Canada	124	49	40	72	52	52
European Union	591	513	590	505	470	470
Kazakhstan	16	4	0	4	5	5
Russia	260	141	104	201	127	143
Turkey	14	14	14	14	34	24
Ukraine	69	47	48	90	99	109
Others	1	1	1	1	1	1
Subtotal	1,136	804	841	918	822	838
United States	15	11	28	32	27	27
World Total	1,151	815	869	950	849	865

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Feb 2021/22	Mar 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	150	170
Other Europe	15	25	15	19	15	15
Former Soviet Union - 12	28	11	100	17	9	9
Middle East	21	17	8	18	80	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	531
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	8,050
Other Europe	128	87	127	128	126	126
Former Soviet Union - 12	3,759	2,836	2,542	3,916	3,140	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	12,561	12,577
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	8,150
Other Europe	142	110	141	141	143	143
Former Soviet Union - 12	3,680	2,667	2,659	3,687	2,877	2,887
Middle East	341	337	328	338	390	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	12,613
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	470
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	406	227	196	326	265	291
Middle East	14	14	14	14	34	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	849	865

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.