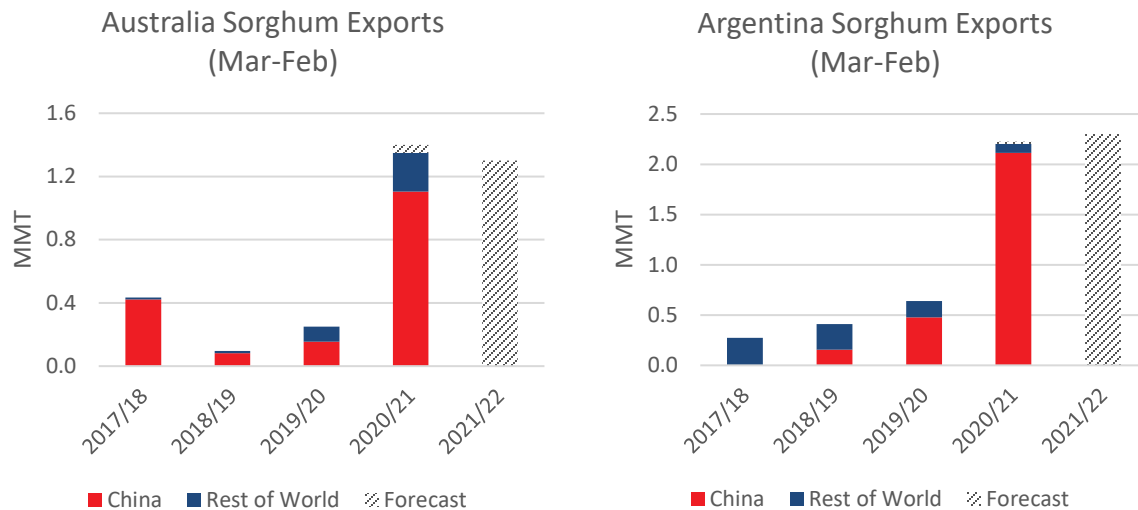


Grain: World Markets and Trade

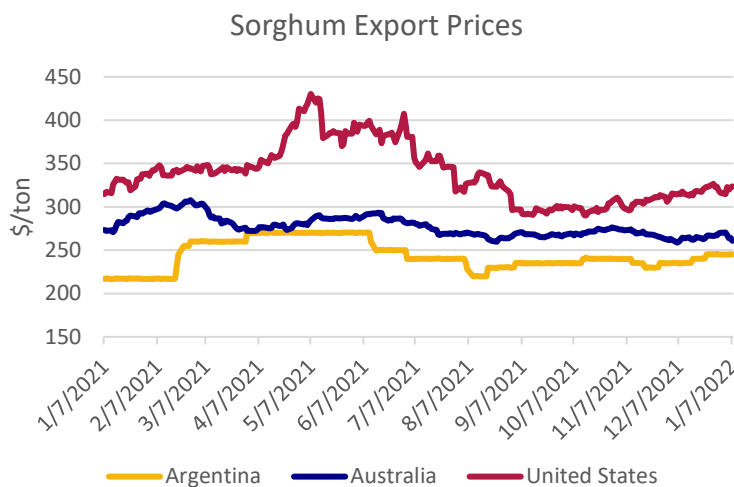
Australia Mirrors Argentina in Robust Sorghum Exports



Source: Trade Data Monitor LLC

Australia is currently forecast to export 1.4 million tons of sorghum in the 2020/21 marketing year (Mar 2021 – Feb 2022) on production of 1.5 million tons, a 93 percent exports-to-production ratio. In the past, Australian sorghum used to be exported to a wide range of destinations; however, ever since China entered the sorghum market in earnest in 2013/14, most Australia sorghum exports have been destined for China. Despite the ongoing trade dispute between the two countries that has halted the flow of Australian barley to China, bilateral sorghum trade remains strong.

Argentina is experiencing a similar sorghum boom (see [August 2021 circular](#)). After several years of sorghum exports below 1.0 million tons, exports in the 2020/21 marketing year (also Mar 2021 – Feb 2022) have shot up and are now forecast to more than triple from the prior year to just over 2.2 million tons. As the world’s largest sorghum importer, China is also the primary destination for Argentina sorghum this year.



Source: IGC

Despite the strong performances of both Australia and Argentina, the United States remains the world’s top exporter of sorghum and is the top supplier to China. However, with U.S. prices higher than its competitors, China is diversifying its suppliers. If 2020/21 is any indication, if China is willing to buy, Australia and Argentina are ready to sell. In 2021/22 (Oct-Sep), China is forecast to import a record 10.3 million tons of sorghum.

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

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

FAS Reports and Databases:

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

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

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

[Export Sales Report](#)

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

Other USDA Reports:

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

[Economic Research Service](#)

[National Agricultural Statistics Service](#)

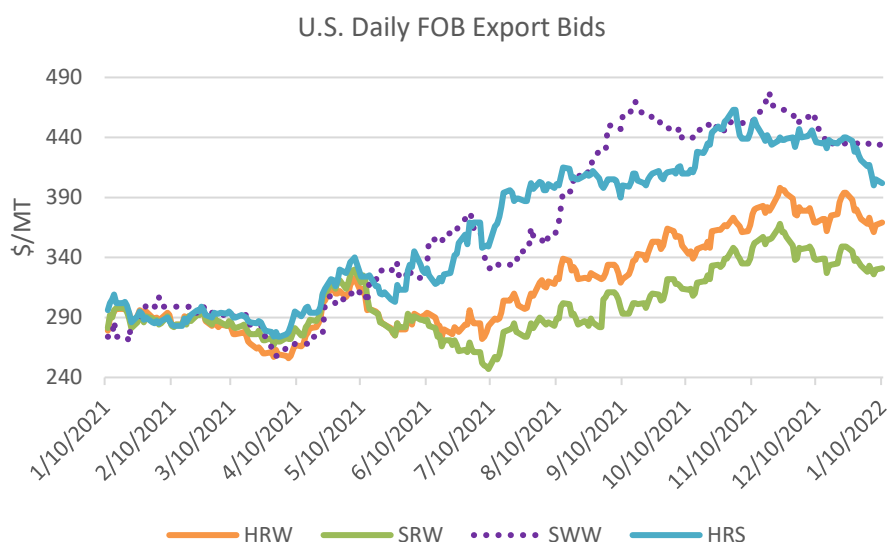
WHEAT

OVERVIEW FOR 2021/22

Global production is up this month primarily on a larger forecast for Argentina. Global consumption is lowered this month, primarily on reduced feed and residual use. Ending stocks are revised slightly higher this month but are still down more than 3 percent from the prior year. Global trade is forecast lower with reduced imports for the United States, Pakistan, and South Africa this month, but remains at a record. Exports are trimmed for Russia and the United States, partially offset by a higher forecast for Argentina. The U.S. season-average farm price is up 10 cents to \$7.15 per bushel.

WHEAT PRICES

Domestic: U.S. export quotes for all four classes have fallen since the December *WASDE* report in response to larger Southern Hemisphere harvests in Australia and Argentina, but also reflecting muted foreign demand as U.S. prices are still uncompetitive despite the recent decline. Hard Red Spring (HRS) plummeted \$39/ton from last month, reflecting limited demand at the exceptionally high price of \$402/ton, up nearly 37 percent from last year. Similarly, Soft White Winter (SWW) declined \$23/ton to \$434/ton with lackluster foreign demand. Hard Red Winter (HRW) fell \$10/ton to \$369 while Soft Red Winter (SRW) settled at \$331, down \$17/ton.



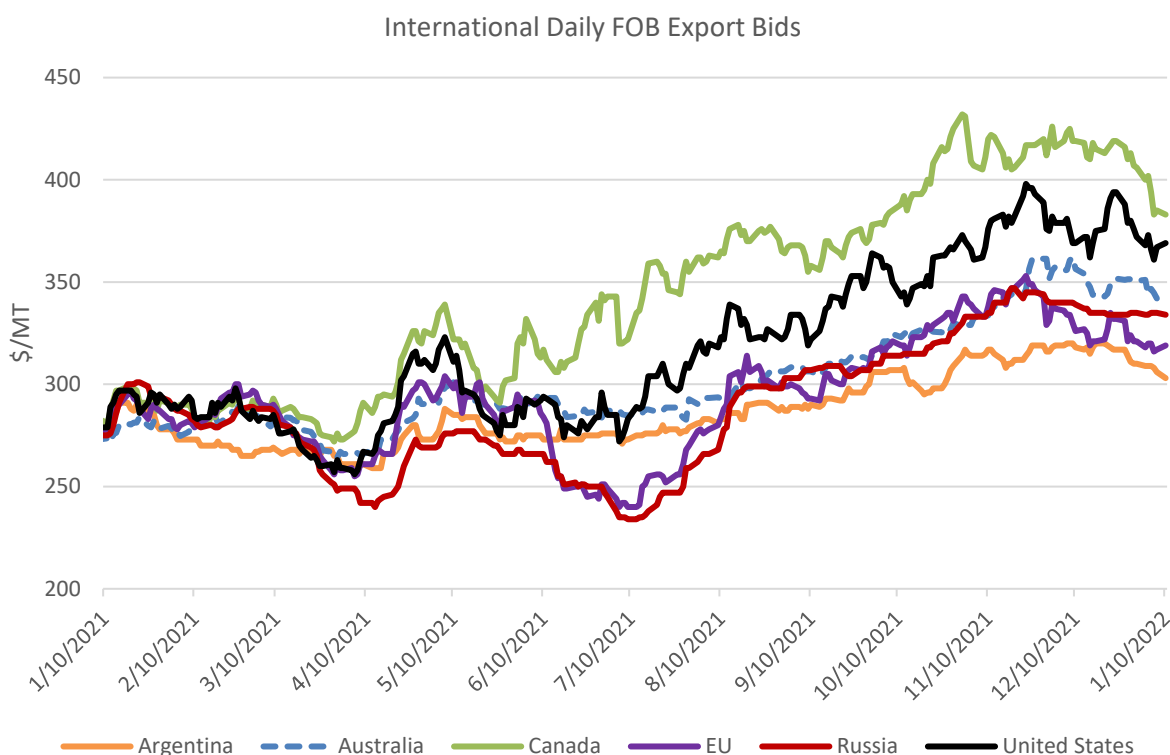
Source: IGC

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

Global: Global wheat prices were lower over the past month as the harvest progressed for record crops in Argentina and Australia. Canadian quotes had the largest decline, falling \$36/ton from the previous month, following a larger production estimate from Statistics Canada. EU quotes were down \$17/ton as demand from major buyer Algeria remained below expectations. Australian quotes dropped \$13/ton as harvest conditions improved. Argentine quotes fell \$16/ton as a record harvest continued and the Buenos Aires Grain Exchange raised its production forecast. U.S. quotes were also down \$10/ton with weak international demand exhibited by recent weekly Export Sales Report. Russian quotes, meanwhile, were down \$6/ton despite robust global import demand as the proposed wheat export quota dampened prices.

Argentina	Australia	Canada	EU	Russia	United States
\$303	\$343	\$383	\$319	\$334	\$369

Note: As of January 10, 2022



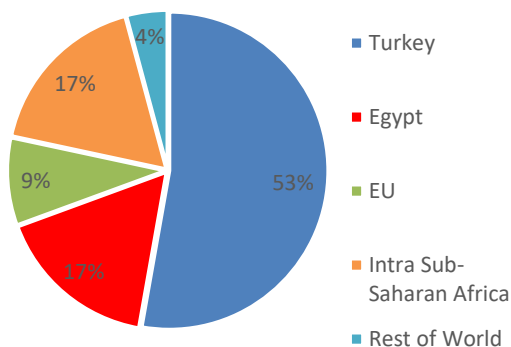
Source: IGC

*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

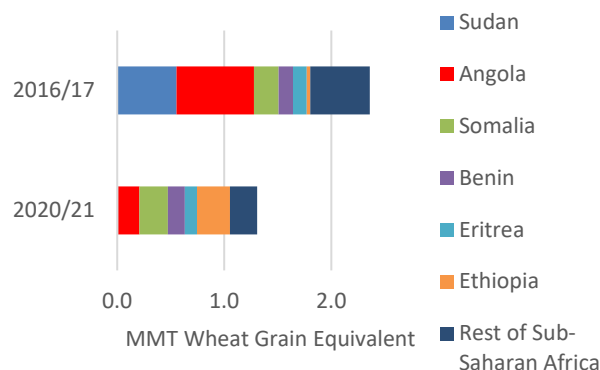
MARKET FEATURES

Investment in Milling Capacity Reduces Sub-Saharan Africa Wheat Flour Imports

Sub-Saharan Africa Wheat Flour Supplier Market Share (MY 2020/21)



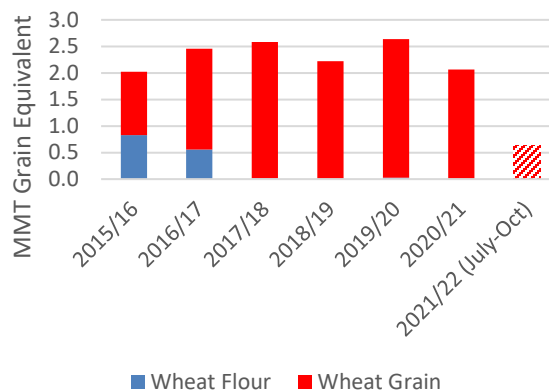
Sub-Saharan African Wheat Flour Imports from Turkey, Egypt, and EU



Sub-Saharan Africa has undergone a transformation in its wheat flour import market over the past 5 years. In 2016/17, Angola and Sudan were the two largest importers of wheat flour, importing primarily from the three largest suppliers to the region: Turkey, Egypt, and the EU. These three countries are responsible for 80 percent of global exports to Sub-Saharan Africa. Currently, Angola and Sudan play a much smaller role while other countries like Ethiopia, Somalia, and Benin have emerged as new key importers instead. Overall, the region's wheat flour imports have contracted by around 40 percent over the past 5 years, while wheat grain imports have expanded as African countries make investments in domestic milling.

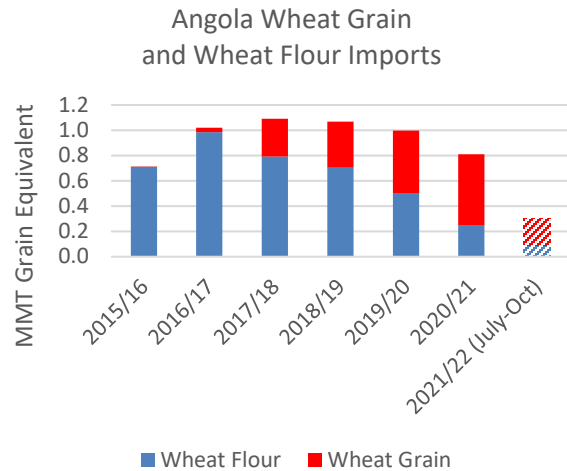
Over the past decade, flour mills in Sudan have been established and expanded to satisfy domestic consumption demands. In 2017/18, Sudan stopped importing wheat flour almost entirely. This coincided with a series of economic reforms, including the elimination of its wheat subsidy and devaluing its currency¹. As a result of the reforms, the price of bread doubled and imports of higher value end-use products (like flour) from the international market became significantly more expensive.

Sudan Wheat Grain and Wheat Flour Imports



¹ From December 2017 to February 2018, the Sudanese pound depreciated from 6.7 SDG/USD to 30 SDG/USD.

After significant private industry investment, Angola now imports one-quarter of its 2016/17 wheat flour levels. In 2017, following a steep decline in oil prices, the Angolan government pushed for broader economic diversification, including the development of the country’s agro-processing industry. Specifically, it launched a concerted effort to become self-sufficient in wheat flour production. Wheat flour imports reached nearly 1.0 million tons in 2016/17, valued at approximately \$190 million, which put added pressure on the nation’s foreign currency reserves. With the opening of operations of the Grandes Moagens de Angola, Kikolo and Leonor Carrinho flour mills, Angolan wheat flour milling capacity grew to 840,000 tons per year. After years of lobbying from domestic millers, the Angolan government issued new tariff rates in 2019, eliminating duty-free access for wheat flour and raising import duties to 20 percent, with a further increase to 50 percent in 2020. The government’s initiative has met its goal, as Angola has now become largely self-sufficient in wheat flour production. Imports in 2020/21 were 247,000 tons, down almost 750,000 tons from the 2016/17 peak, when the economic development project began.



Russia Wheat Exports Tempered by Restrictive Export Policies



Russia's 2021/22 wheat export forecast has been trimmed to 35.0 million tons as the country continues to announce and implement policies designed to ensure sufficient domestic supplies and stabilize domestic food prices by constraining exports. The government announced an 11.0-million-ton grain export quota from February 15 to June 30, 2022, of which wheat will account for 8.0 million tons. Russia exported 21.6 million tons from July to December 2021. Last year, exporters rushed to export their wheat before the quota implementation on February 15, a pattern that will likely be followed again this year.

In light of a smaller crop and food price inflation, Russia began a floating export tax in June 2021 which is updated on a weekly basis. The formula-based export tax is set at 70 percent of the difference between \$200/ton and a calculation based on export contracts registered to the Moscow Exchange. The tax has escalated from \$28/ton (June 2-8, 2021) to reach a high of over \$98/ton (January 12-18, 2022). In December 2021, the Russian government approved a plan that would tax exports at progressively higher rates.² Exports within the proposed quota will still be subject to the export tax.

These various policies have affected some major export markets. For example, while Egypt continues to be one of Russia's top export markets, its government tenders have begun sourcing more wheat from Ukraine and the EU this year. In contrast, Turkey will likely remain heavily dependent on Russia for wheat this year with its drought-reduced crop, projected record imports, and its historical reliance on this exporter. Meanwhile, reduced production in Iran has resulted in it becoming a new major destination for Russian wheat. Notably the restrictions on Russian wheat exports do not apply to Eurasian Economic Union (EAEU) countries which, in addition to Russia, include Armenia, Belarus, Kazakhstan, and Kyrgyzstan. Exports to these countries from Russia have remained robust over the past year, particularly to Kazakhstan.

² See the following link for the regulation:

<http://publication.pravo.gov.ru/Document/View/0001202112310130?index=16&rangeSize=1>

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

Country	Attribute	Previous	Current	Change	Reason
Algeria	Imports	7,500	7,700	200	Continued OAIC purchases despite high prices
Kazakhstan	Imports	800	1,000	200	Additional imports from Russia
Pakistan	Imports	2,500	2,200	-300	Government not purchasing in recent tenders amid high global prices
South Africa	Imports	1,900	1,700	-200	Pace of imports, especially from Russia
United States	Imports	3,000	2,800	-200	Pace of imports, especially from Canada
Argentina	Exports	13,000	14,000	1,000	Strong TY pace of exports
European Union	Exports	37,000	37,500	500	More competitive prices and larger crop
Russia	Exports	36,000	35,000	-1,000	Less competitive prices and announced export quota
United States	Exports	23,500	23,000	-500	Lower Hard Red Winter exports, with more competition in Western Hemisphere markets

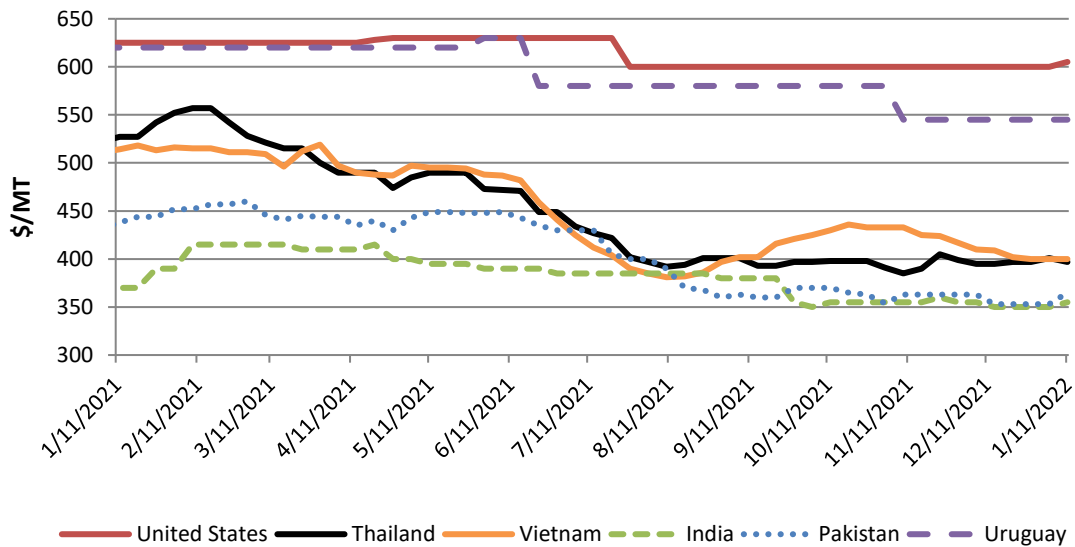
RICE

OVERVIEW FOR 2021/22

Global rice production is forecast lower this month, mostly on smaller crops in Mali, Sri Lanka, and the United States. An upward revision to consumption in Asia and South America is mostly offset by a decrease in Mali. Global stocks are forecast to decline, primarily on significant decreases in Sri Lanka and India. Global trade is up overall, with stronger exports from India and greater imports for Mali, Cote d'Ivoire, and Sri Lanka.

RICE PRICES

Weekly FOB Long Grain Rice Export Quotes: Last 12 Months



Global: U.S. prices increased \$5 to \$605/ton amid tight domestic stocks. Uruguayan prices remained at \$545. Thai quotes continued to rise slightly by \$2 to \$397/ton, reflecting a strengthening Thai baht. Vietnamese prices slid \$10 to \$400/ton following muted demand from the Philippines due to a pause in issuing new phytosanitary import permits. Pakistani prices were little changed at \$365/ton, and Indian prices remained unchanged at \$355/ton amid substantial supplies and steady demand.

MARKET FEATURES

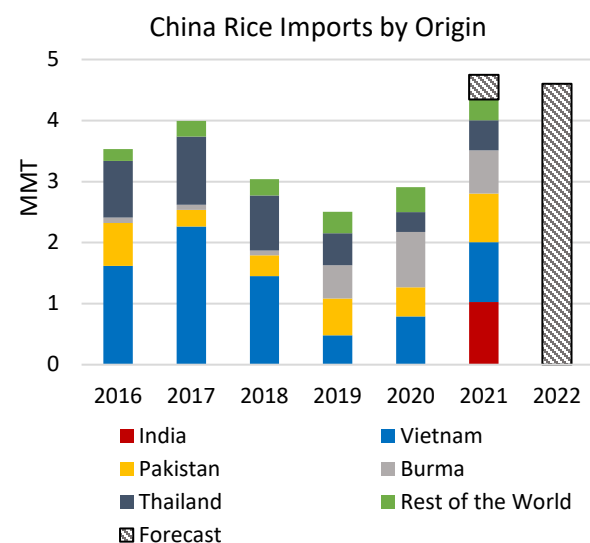
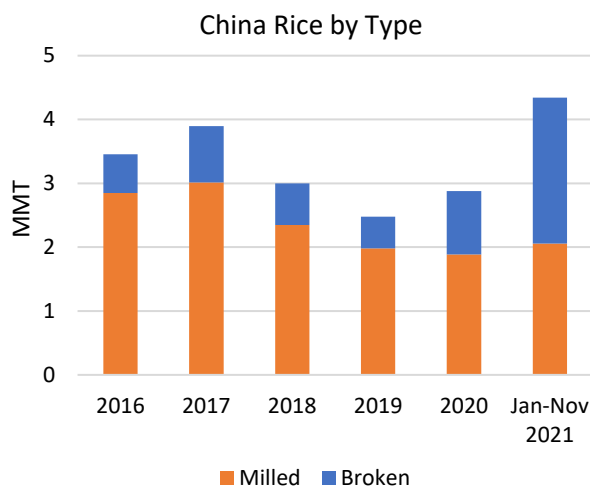
China Rice Imports Surge – Especially from India

China is forecast to report its highest rice imports in several years at 4.75 million tons for 2021, primarily on increased demand for broken rice from India. With only 1 month of data remaining, China is unlikely to fill its tariff-rate quota (TRQ) for rice at 5.32 million tons, but nevertheless imports have grown substantially this year.

Historically, most of the rice imported by China comes from Asian suppliers Vietnam, Burma, Pakistan, and Thailand. Aside from Burma, exports from these countries to China have all risen.

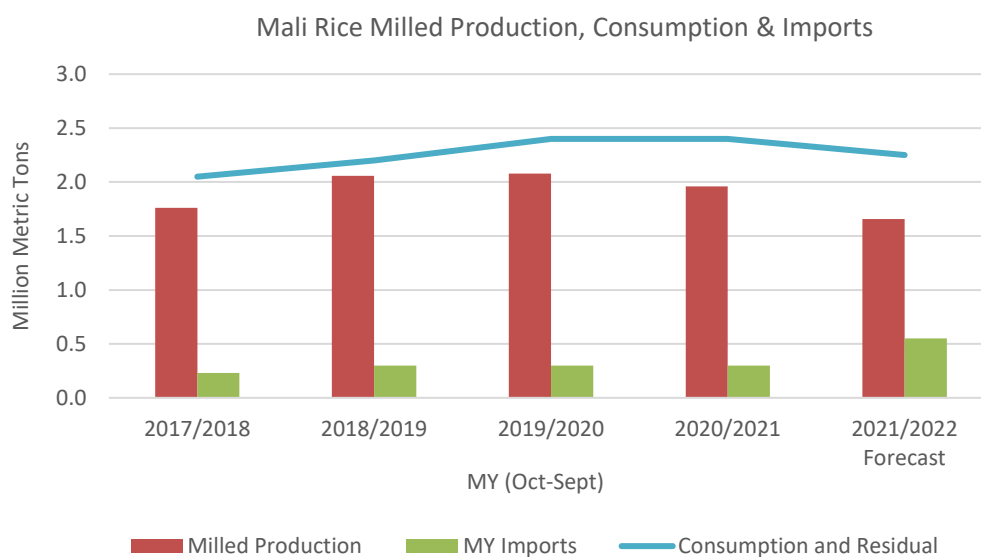
Surprisingly, the surge in imports was in broken rice. In 2020, broken rice accounted for about one-third of total imports whereas in 2021, broken rice represents 52 percent of imports. Imports from Pakistan jumped from 300,000 tons to 800,000 tons in 2020 for January through November. During the same time, imports from Thailand jumped from 230,000 tons to 500,000 tons. More impressive is the volume of rice from India.

In past years, China had not imported more than 50,000 tons of rice from India, as market access was restricted to basmati rice. However, after obtaining access for non-basmati rice, India has exported 1 million tons of broken rice to China in 2021. India's competitive prices for broken rice relative to domestic prices in China and other competitors have encouraged imports by China. The broken rice is mainly used for animal feed as well as in rice-based liquor manufacturing and in snack food production. Affordable broken rice can be imported outside of the TRQ, avoiding a bureaucratic process. India has become the largest rice exporter to China, while China has become the fourth-largest market for India.



Mali Imports More Rice Amid Exceptionally Small Crop

Mali milled rice production is forecast to drop 15 percent in 2021/22 to 1.7 million tons. The decline in production is due to shrinking area harvested as well as reduced yields. Lower yields are caused by adverse weather events along with political instability which limits access to agricultural inputs in important growing regions. For the 2021/2022 market year (October-September) Mali is forecast to boost imports sharply by over 80 percent to 550,000 tons to supplement tight domestic supplies. Historically, Mali imported between 250,000-300,000 tons annually from several suppliers including India, Thailand, Brazil, and occasionally the United States. Mali also imports rice from neighboring countries including Cote d'Ivoire, and more recently, Senegal, which exported a significant amount of rice to Mali (over 60,000 tons in 2021) for the first time in recent years. Despite higher imports, reduced domestic supplies and higher prices are expected to support a continued decline in overall consumption.



TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
China	Imports	4,500	4,600	100	Higher demand for Indian rice
Cote d'Ivoire	Imports	1,300	1,450	150	Continued strong demand
Mali	Imports	300	550	250	Lower domestic production
Philippines	Imports	2,400	2,500	100	Expected strong buying from Vietnam
Sri Lanka	Imports	20	150	130	Smaller crop and 100,000 tons of duty-free imports
United States	Imports	1,100	1,000	-100	Continued container shortages
Vietnam	Imports	500	600	100	Continued imports from India
Brazil	Exports	1,050	900	-150	Low priced competitors
China	Exports	2,100	2,200	100	Expecting strong demand from African markets
India	Exports	18,000	18,750	750	Improved price competitiveness
Vietnam	Exports	6,400	6,500	100	Larger crop

TRADE CHANGES IN 2021 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
China	Imports	4,500	4,750	250	Strong demand for broken rice with high domestic prices
Cote d'Ivoire	Imports	1,250	1,450	200	Strong import pace from traditional suppliers and new purchases from Thailand and China
Guinea	Imports	750	850	100	Strong import pace
Philippines	Imports	2,600	2,800	200	Fast import pace from traditional supplier, Vietnam
Saudi Arabia	Imports	1,300	1,200	-100	Slow pace of trade
United States	Imports	1,125	1,000	-125	Reduced long grain fragrant imports
Vietnam	Imports	1,700	1,850	150	Large purchases from India
Burma	Exports	1,800	1,950	150	Strong export pace
Cambodia	Exports	1,700	1,850	150	Large purchases from Vietnam
India	Exports	20,200	20,500	300	Continued strong monthly pace
Thailand	Exports	5,700	5,900	200	Increased exports to Africa, Middle East, and China

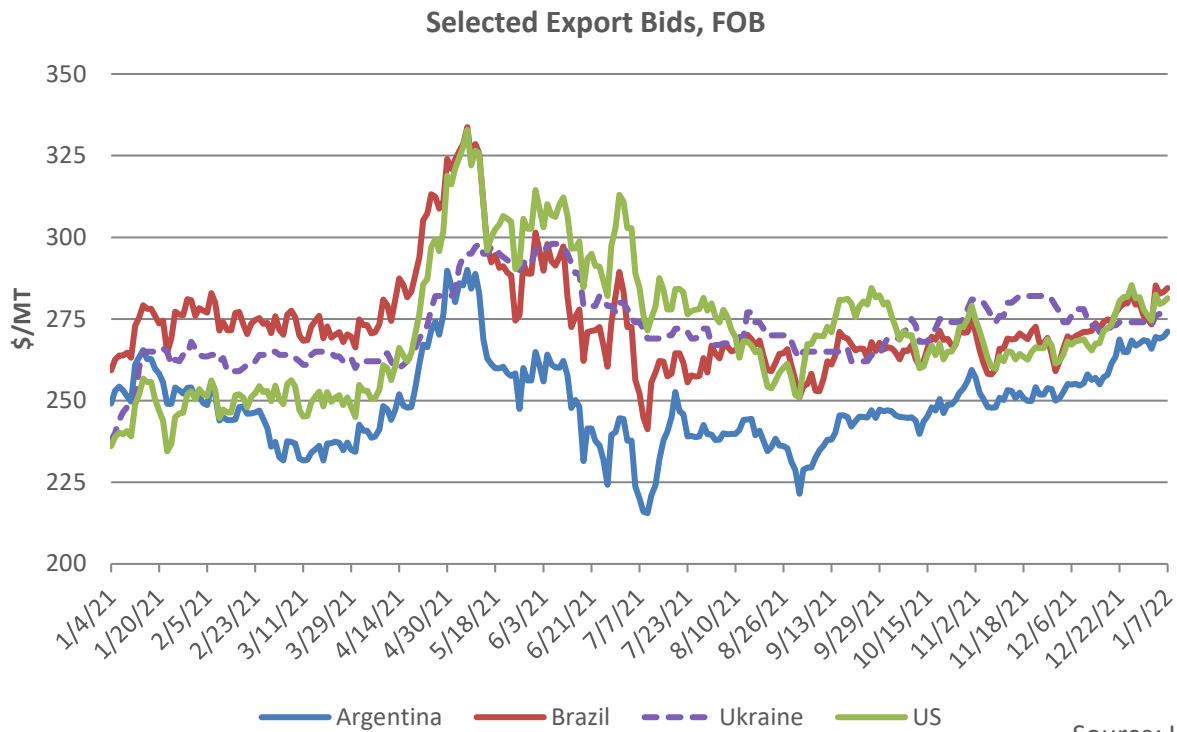
COARSE GRAINS

OVERVIEW FOR 2021/22

Global corn production is down with smaller crops in Argentina, Brazil, Kenya, and Mexico more than offsetting larger crops in Ukraine and the United States. Global trade is higher than last month as Ukraine has greater exportable supplies and Argentina and Brazil have had stronger-than-expected exports to begin the trade year. The higher exports for these countries more than offset lower exports for Paraguay and the United States. Global imports are also up on higher imports for Brazil, Canada, and Mexico. The U.S. season-average farm price is unchanged at \$5.45 per bushel.

CORN PRICES

Global: Since the December *WASDE*, exporters' bids moved up for Argentina, Brazil, and the United States. Argentine bids were up \$16/ton to \$271 and Brazilian bids were up \$15/ton to \$285 on late-season export demand as well as ongoing dryness impacting the new crop corn in both countries. U.S. bids rose \$13/ton to \$281 supported by the potential impact of dryness in South America and relatively strong demand for fuel ethanol in the domestic market. In contrast, Ukrainian bids were down \$2/ton to \$276 reflecting record exportable supplies.



MARKET FEATURES

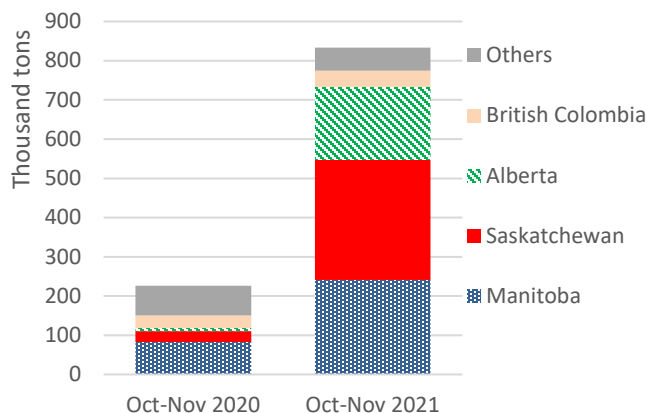
Canada Corn Imports Robust

Canada corn imports are forecast at 3.3 million tons, up 10 percent from last month. If realized, it would be the largest level of imports since 2002/03. Imports have been robust for the first 2 months (Oct-Nov) of 2021/22, nearly quadrupling the volume from a year ago. Imports for Saskatchewan and Alberta already exceed the volume imported during all of last year³. Moreover, the U.S. Export Sales Report shows outstanding sales of 2.2 million tons at the end of December, suggesting large imports ahead.

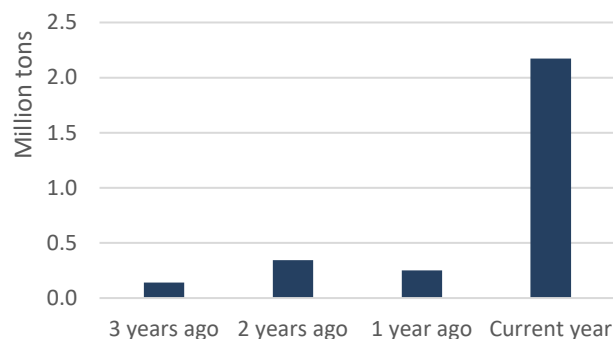
The pace of U.S. corn sales and strong imports are indicative of the feed grain situation in western provinces where the cattle inventory is concentrated. Summer drought sharply reduced supplies of barley, oats, and wheat, with barley being the primary feed grain in the region. Since last summer, prices of feed barley in Alberta⁴ have trended up and averaged CDN \$439 per ton during December compared to CDN \$274 a year earlier, suggesting strong demand for a substitute, primarily corn.

Canada corn production for 2021/22 is currently estimated at 14.0 million tons, and this would be the third-largest crop on record. Grown primarily in Ontario, Quebec, and to a lesser extent in Manitoba, some domestic corn may travel west to the Prairies for feed use. However, transportation routes and economics typically favor importing corn from south of the border instead.

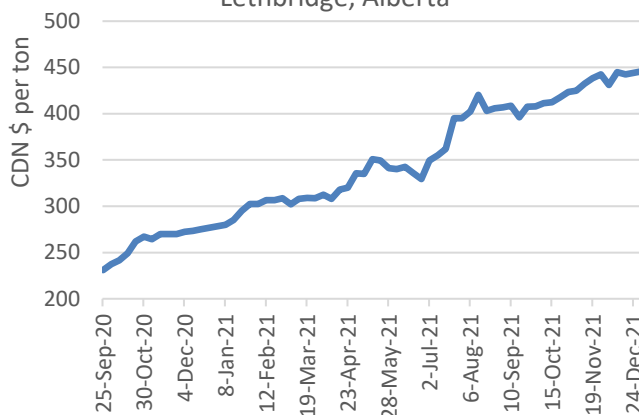
Canada Corn Imports by Province



U.S. Corn Outstanding Sales to Canada as of Dec 30



Weekly Feed Barley Prices Lethbridge, Alberta



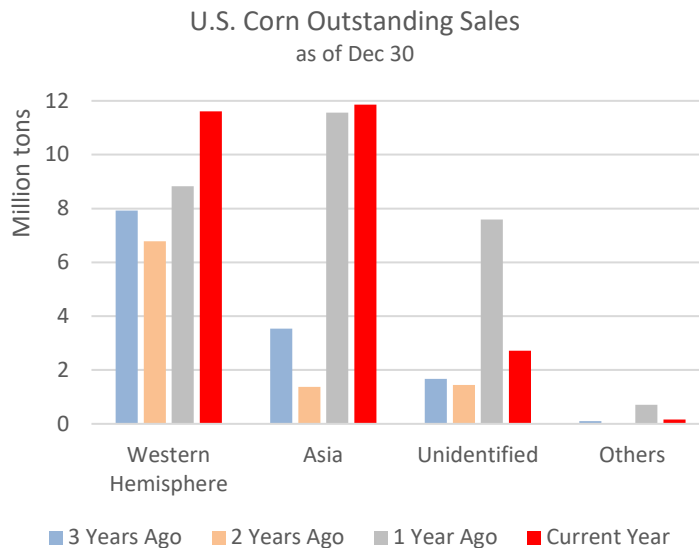
³ Trade Data Monitor, LLC

⁴ Weekly Crop Market Review, Alberta Agriculture, Forestry and Rural Economic Development; Prices shown are midpoint of reported high and low.

U.S. Corn Exports Face Headwinds

U.S. corn exports for 2021/22 (Oct-Sep) are forecast lower this month, reflecting a slower pace of sales, except to the Western Hemisphere. In addition, U.S. corn is expected to face intense competition from Ukraine, Argentina, and Brazil.

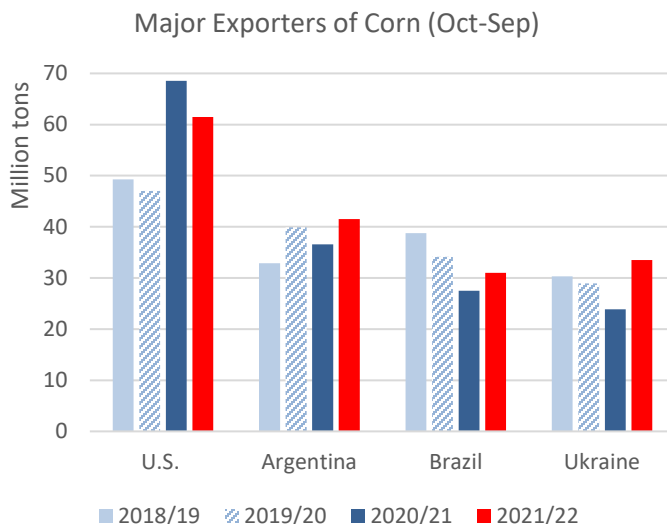
Several months into the current season, reported outstanding sales have been slow. The Western Hemisphere has been the bright spot, particularly Mexico and Canada. At the end of December, sales to Mexico totaled 6.5 million tons, up 16 percent from a year ago. Mexico was the top destination for U.S. corn until 2019/20. Sales to Canada are at 2.2 million tons, up nearly nine-fold from a year ago, as the country looks for feedstuffs to substitute for tight grain supplies in the Prairies.



Outstanding sales reported to China remain at 10.0 million tons, compared to 6.5 million a year ago. However, much of the sales on the books were made last May and then carried over to the current season. Fresh sales to China have amounted to approximately 400,000 tons since September.

Strong exports from Ukraine, Argentina, and Brazil are expected to dampen demand for U.S. corn overseas this year. There have been unconfirmed wire news stories that China purchased a large volume of Ukraine corn. Moreover, exports from South America have been stronger than anticipated even though its marketing season is nearing the end.

Despite sluggish foreign demand, U.S. corn remains higher priced than Ukrainian and Argentine corn, supported by U.S. domestic demand for fuel ethanol.



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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Corn	Exports	40,500	41,500	1,000	Higher-than-expected volume since October
Australia	Sorghum	Exports	1,000	1,300	300	Stronger expected trade with China
Bangladesh	Corn	Imports	2,500	2,200	-300	Carryover change
Brazil	Corn	Exports	30,000	31,000	1,000	Higher-than-expected volume since October
		Imports	2,700	3,000	300	Smaller first crop spurring imports before July
Canada	Corn	Imports	3,000	3,300	300	Trade to date
Iran	Barley	Imports	2,300	2,600	300	Carryover change
	Corn	Imports	7,500	7,700	200	
Kenya	Corn	Imports	350	600	250	Smaller crop
Mexico	Corn	Imports	17,000	17,300	300	Large purchases of U.S. corn
Paraguay	Corn	Exports	2,700	2,200	-500	Weak volumes in Oct-Nov
Saudi Arabia	Barley	Imports	6,500	6,200	-300	Carryover change
South Korea	Corn	Imports	11,500	11,700	200	Plentiful global supplies
Tanzania	Corn	Exports	200	400	200	Pace to date
Ukraine	Corn	Exports	32,500	33,500	1,000	Larger crop
United States	Corn	Exports	63,000	61,500	-1,500	Slow sales and shipments
	Sorghum	Exports	8,300	8,000	-300	Smaller crop and slow shipments to date

TRADE CHANGES IN 2020/21 (1,000 MT) – changes based on trade data

Country	Commodity	Attribute	Previous	Current	Change
Bangladesh	Corn	Imports	2,550	1,838	-712
Iran	Barley	Imports	2,700	3,000	300
	Corn	Imports	7,000	7,200	200
Pakistan	Corn	Exports	60	322	262

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](#) January 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		709.6	726.1	733.8	492.9	500.0	503.8	773.7	764.4	823.1
World Total		762.2	775.9	778.6	498.8	507.2	509.9	1,119.7	1,122.8	1,207.0
Domestic Consumption										
United States	(Jun-May)	30.4	30.5	31.0	4.6	4.8	4.6	309.5	306.5	315.2
Other		710.3	744.1	754.6	488.1	493.7	504.5	821.7	837.3	863.5
World Total		740.7	774.6	785.6	492.7	498.5	509.1	1,131.2	1,143.8	1,178.7
Ending Stocks										
United States	(Jun-May)	28.0	23.0	17.1	0.9	1.4	1.0	48.8	31.4	39.1
Other		268.0	265.8	262.8	180.8	185.1	185.1	257.5	260.8	264.0
World Total		296.0	288.8	279.9	181.7	186.5	186.1	306.3	292.2	303.1
TY Imports										
United States	(Jun-May)	2.8	2.7	2.8	1.2	1.0	1.0	1.0	0.6	0.7
Other		186.5	191.4	199.6	42.6	47.8	46.6	168.8	179.8	188.5
World Total		189.3	194.1	202.4	43.8	48.8	47.6	169.8	180.4	189.2
TY Exports										
United States	(Jun-May)	26.4	26.7	23.0	2.9	2.9	2.9	47.0	68.6	61.5
Other		168.5	171.9	183.7	42.3	47.7	46.6	128.7	115.1	132.5
World Total		194.9	198.6	206.7	45.2	50.6	49.5	175.7	183.7	194.0

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 Dec	2021/22 Jan
TY Exports						
Argentina	14,000	12,680	13,608	9,597	13,000	14,000
Australia	15,512	9,835	10,118	19,720	26,000	26,000
Brazil	245	594	408	911	1,300	1,300
Canada	22,019	24,452	23,478	27,700	15,500	15,500
European Union	24,895	24,686	39,788	29,740	37,000	37,500
India	517	494	595	3,597	5,500	5,500
Kazakhstan	8,519	8,780	6,888	8,128	7,200	7,200
Russia	41,447	35,863	34,485	39,100	36,000	35,000
Turkey	6,725	6,676	6,633	6,571	6,250	6,250
Ukraine	17,775	16,019	21,016	16,851	24,200	24,200
Others	12,080	11,826	11,492	9,965	11,408	11,248
Subtotal	163,734	151,905	168,509	171,880	183,358	183,698
United States	23,230	26,202	26,390	26,702	23,500	23,000
World Total	186,964	178,107	194,899	198,582	206,858	206,698
TY Imports						
Afghanistan	3,300	3,700	3,000	3,000	2,800	2,800
Algeria	8,172	7,515	7,145	7,680	7,500	7,700
Bangladesh	6,472	5,100	6,800	7,200	7,400	7,400
Brazil	6,702	7,442	7,063	6,359	6,500	6,500
China	3,937	3,145	5,376	10,618	9,500	9,500
Egypt	12,407	12,354	12,811	12,149	13,000	13,000
European Union	6,060	5,763	5,551	5,379	5,200	5,200
Indonesia	10,763	10,934	10,586	10,450	10,750	10,750
Iran	190	170	2,500	2,200	7,000	7,000
Iraq	4,158	3,894	2,050	2,178	2,600	2,600
Japan	5,876	5,726	5,683	5,493	5,600	5,600
Kenya	2,158	2,000	2,500	2,092	2,200	2,200
Korea, South	4,269	3,908	3,941	3,889	4,400	4,400
Mexico	5,245	4,861	5,080	4,724	5,100	5,100
Morocco	3,672	3,724	4,879	5,191	4,500	4,500
Nigeria	5,162	4,659	5,338	6,586	6,200	6,200
Pakistan	2	2	1	3,617	2,500	2,200
Philippines	6,059	7,570	7,065	6,113	6,500	6,500
Saudi Arabia	3,492	2,902	3,652	2,818	3,500	3,500
Sudan	2,580	2,222	2,684	2,064	2,150	2,150
Thailand	3,173	2,899	3,501	3,306	3,100	3,100
Turkey	6,092	6,515	11,087	8,051	11,000	11,000
Uzbekistan	3,119	2,837	2,746	3,758	3,200	3,200
Vietnam	4,709	3,500	3,570	3,900	3,800	3,800
Yemen	3,010	3,675	3,728	4,043	3,600	3,600
Others	57,753	53,746	58,082	58,561	60,369	60,139
Subtotal	178,532	170,763	186,419	191,419	199,969	199,639
Unaccounted	4,058	3,849	5,647	4,474	3,889	4,259
United States	4,374	3,495	2,833	2,689	3,000	2,800
World Total	186,964	178,107	194,899	198,582	206,858	206,698

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 Dec	2021/22 Jan
Production						
Argentina	18,500	19,500	19,780	17,645	20,000	20,500
Australia	20,941	17,598	14,480	33,300	34,000	34,000
Brazil	4,264	5,428	5,200	6,250	7,900	7,800
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	138,700	138,900
India	98,510	99,870	103,600	107,860	109,520	109,520
Iran	12,700	14,500	15,550	15,000	12,000	12,000
Kazakhstan	14,802	13,947	11,452	14,256	12,000	12,000
Pakistan	26,674	25,076	24,349	24,946	27,000	27,000
Russia	85,167	71,685	73,610	85,354	75,500	75,500
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	14,300	14,300
Others	60,036	59,523	65,490	62,917	65,332	65,442
Subtotal	714,161	680,106	709,621	726,119	733,100	733,810
United States	47,380	51,306	52,581	49,751	44,790	44,790
World Total	761,541	731,412	762,202	775,870	777,890	778,600
Total Consumption						
Algeria	10,450	10,750	10,950	11,250	11,350	11,370
Brazil	12,000	12,100	12,100	12,050	12,600	12,600
China	121,000	125,000	126,000	150,000	148,500	148,500
Egypt	19,800	20,100	20,300	20,600	21,000	21,000
European Union	113,500	106,300	107,250	104,750	107,900	107,650
India	95,677	95,629	95,403	102,217	104,250	104,250
Indonesia	10,600	10,600	10,300	10,100	10,400	10,400
Iran	15,900	16,100	17,200	17,400	18,200	18,200
Morocco	10,500	10,700	10,400	10,400	10,700	10,700
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	21,500
Ukraine	9,800	8,800	8,300	8,700	9,000	8,800
United Kingdom	16,378	15,417	15,196	13,455	15,300	15,300
Uzbekistan	9,700	9,500	9,500	9,300	9,000	9,000
Others	179,958	177,471	181,903	184,568	186,542	186,442
Subtotal	713,121	705,326	716,484	752,567	757,698	756,502
United States	29,245	29,986	30,436	30,476	31,652	30,971
World Total	742,366	735,312	746,920	783,043	789,350	787,473
Ending Stocks						
Algeria	4,529	5,219	5,358	5,685	5,425	5,605
Canada	6,732	6,041	5,499	5,688	5,140	5,140
China	129,508	138,088	150,015	144,120	141,166	141,166
European Union	17,897	15,798	13,110	10,929	9,929	9,879
India	13,230	16,992	24,700	27,800	27,845	27,845
Iran	6,766	4,936	4,786	4,336	4,786	4,786
Russia	12,010	7,778	7,228	11,382	10,232	10,632
Others	64,033	56,474	57,313	55,880	57,382	57,806
Subtotal	254,705	251,326	268,009	265,820	261,905	262,859
United States	29,907	29,386	27,985	23,001	16,275	17,089
World Total	284,612	280,712	295,994	288,821	278,180	279,948

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Dec 2021/22	Jan 2021/22
TY Imports						
North America	10,070	8,834	8,588	7,960	8,800	8,600
Central America	1,910	1,928	2,074	2,147	2,180	2,150
South America	15,320	14,955	15,537	15,246	15,219	15,219
European Union	6,060	5,763	5,551	5,379	5,200	5,200
Other Europe	4,081	4,663	3,533	4,799	3,755	3,755
Former Soviet Union - 12	7,901	7,843	8,030	9,413	9,060	9,260
Middle East	25,411	24,550	30,908	26,416	35,880	35,980
North Africa	27,441	26,956	27,991	28,246	28,300	28,500
Sub-Saharan Africa	25,311	22,572	26,953	26,581	27,310	27,060
East Asia	16,533	15,011	17,270	22,206	22,000	21,850
South Asia	12,137	10,059	11,307	15,737	14,760	14,460
Southeast Asia	27,255	27,757	27,561	26,505	27,000	27,000
Others	3,476	3,367	3,949	3,473	3,505	3,405
Total	182,906	174,258	189,252	194,108	202,969	202,439
Production						
North America	81,251	86,658	88,521	87,899	69,642	69,717
South America	25,875	28,761	28,600	27,699	31,971	32,271
European Union	136,681	123,124	138,799	126,930	138,700	138,900
Other Europe	18,812	18,129	19,891	14,137	19,340	19,295
Former Soviet Union - 12	142,356	124,021	129,806	139,506	133,985	133,985
Middle East	40,285	38,879	43,246	43,177	36,542	36,542
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	8,874
East Asia	135,552	132,834	135,199	135,744	138,545	138,725
South Asia	132,595	131,655	136,335	141,207	144,151	144,151
Oceania	21,346	17,969	14,878	33,754	34,450	34,450
Others	136	96	101	101	100	100
Total	761,541	731,412	762,202	775,870	777,890	778,600
Domestic Consumption						
North America	45,974	46,631	47,099	46,809	46,952	46,271
South America	28,948	28,895	29,635	29,895	30,705	30,705
European Union	113,500	106,300	107,250	104,750	107,900	107,650
Other Europe	21,418	20,697	20,466	18,770	20,715	20,685
Former Soviet Union - 12	81,395	77,135	75,975	79,010	78,130	77,930
Middle East	59,505	59,939	63,000	64,342	66,125	66,175
North Africa	45,225	46,100	46,250	46,820	47,800	47,820
Sub-Saharan Africa	31,887	30,321	33,076	34,483	35,035	34,985
East Asia	134,285	137,750	138,638	162,468	161,696	161,726
South Asia	138,550	138,996	139,880	148,136	151,526	151,526
Southeast Asia	26,395	26,165	26,355	25,830	26,295	26,295
Oceania	9,905	10,610	9,410	9,435	9,955	9,955
Others	3,821	3,614	3,704	3,818	4,010	3,910
Total	740,808	733,153	740,738	774,566	786,844	785,633
Ending Stocks						
North America	37,407	36,030	33,869	28,951	21,777	22,666
South America	4,010	4,673	5,240	4,769	5,639	5,790
European Union	17,897	15,798	13,110	10,929	9,929	9,879
Other Europe	3,085	3,225	3,865	2,505	3,067	3,040
Former Soviet Union - 12	21,055	14,774	13,420	18,796	15,961	16,961
Middle East	17,955	13,893	16,998	15,173	14,507	14,557
North Africa	14,871	15,537	14,357	11,835	12,920	13,100
Sub-Saharan Africa	3,391	2,925	4,114	4,137	4,231	4,075
East Asia	132,655	141,028	153,011	146,913	144,042	144,042
South Asia	21,313	21,466	28,203	33,840	35,308	35,045
Southeast Asia	5,679	6,186	6,240	5,729	5,274	5,274
Oceania	4,897	4,769	3,029	4,640	4,870	4,870
Others	397	408	538	604	655	649
Total	284,612	280,712	295,994	288,821	278,180	279,948

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 Dec	2021/22 Jan
TY Exports						
Argentina	375	388	335	360	350	350
Australia	262	134	42	60	270	270
Brazil	1,245	954	1,240	710	1,050	900
Burma	2,750	2,700	2,300	1,950	1,900	1,900
Cambodia	1,300	1,350	1,350	1,850	1,400	1,400
China	2,059	2,720	2,265	2,350	2,100	2,200
European Union	570	527	506	450	440	440
Guyana	414	496	520	440	470	440
India	11,791	9,813	14,577	20,500	18,000	18,750
Pakistan	3,913	4,550	3,934	3,900	4,000	4,000
Paraguay	653	689	803	620	700	630
Thailand	11,213	7,562	5,706	5,900	6,500	6,500
Turkey	213	202	234	215	220	220
Uruguay	802	809	967	760	850	820
Vietnam	6,590	6,581	6,167	6,250	6,400	6,500
Others	1,371	1,308	1,425	1,318	1,304	1,294
Subtotal	45,521	40,783	42,371	47,633	45,954	46,614
United States	2,776	3,142	2,858	2,925	2,850	2,850
World Total	48,297	43,925	45,229	50,558	48,804	49,464
TY Imports						
Bangladesh	1,400	80	20	2,650	600	600
Brazil	537	691	876	690	650	600
China	4,500	2,800	3,200	4,750	4,500	4,600
Cote d'Ivoire	1,500	1,350	1,100	1,450	1,300	1,450
Egypt	230	665	309	320	800	800
Ethiopia	600	520	700	750	850	850
European Union	1,633	1,799	1,994	1,800	1,925	1,925
Ghana	830	900	850	950	950	950
Guinea	865	530	670	850	750	750
Iran	1,250	1,400	1,125	850	1,200	1,200
Iraq	1,237	1,263	970	1,250	1,250	1,250
Japan	670	678	676	685	685	685
Kenya	600	610	600	590	650	650
Madagascar	390	440	450	650	700	700
Malaysia	800	1,000	1,220	1,100	1,100	1,100
Mexico	776	740	843	800	800	800
Mozambique	530	635	655	700	675	700
Nepal	700	620	980	1,250	1,350	1,350
Nigeria	2,100	1,800	1,800	1,900	2,000	2,000
Philippines	2,500	2,900	2,450	2,800	2,400	2,500
Saudi Arabia	1,290	1,425	1,613	1,200	1,400	1,400
Senegal	1,100	1,000	1,050	1,150	1,100	1,100
South Africa	1,071	966	1,031	1,050	1,000	1,000
United Arab Emirates	775	850	850	750	900	900
United Kingdom	536	587	654	640	650	650
Others	16,931	15,123	15,943	16,195	15,743	16,093
Subtotal	45,351	41,372	42,629	47,770	45,928	46,603
Unaccounted	2,030	1,571	1,390	1,788	1,776	1,861
United States	916	982	1,210	1,000	1,100	1,000
World Total	48,297	43,925	45,229	50,558	48,804	49,464

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 Dec	2021/22 Jan
Milled Production						
Bangladesh	32,650	34,909	35,850	34,600	35,500	35,500
Brazil	8,204	7,140	7,602	8,001	8,024	8,024
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	122,270	125,000	125,000
Indonesia	37,000	34,200	34,700	35,300	35,350	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	8,184	8,200	8,200
Philippines	12,235	11,732	11,927	12,416	12,300	12,300
Thailand	20,577	20,340	17,655	18,863	19,300	19,300
Vietnam	27,657	27,344	27,100	27,381	27,100	27,194
Others	43,511	44,116	46,635	46,653	46,216	45,231
Subtotal	489,331	490,694	492,964	500,017	504,622	503,781
United States	5,659	7,107	5,877	7,224	6,154	6,090
World Total	494,990	497,801	498,841	507,241	510,776	509,871
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	7,450	7,550
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	150,578	154,890	154,890
Egypt	4,200	4,200	4,300	4,300	4,250	4,250
India	98,669	99,160	101,950	100,005	103,500	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
Korea, South	4,746	4,572	4,100	4,000	3,950	3,950
Nepal	4,101	4,376	4,506	4,896	5,000	5,000
Nigeria	6,750	6,800	6,850	6,900	6,950	6,950
Philippines	13,250	14,100	14,300	14,450	14,850	14,850
Thailand	11,000	11,800	12,300	12,700	13,000	13,000
Vietnam	21,500	21,200	21,250	21,450	21,350	21,500
Others	67,297	69,276	71,206	71,882	73,464	73,344
Subtotal	477,379	480,386	489,145	497,606	506,227	505,665
United States	4,299	4,577	4,586	4,847	4,684	4,620
World Total	481,678	484,963	493,731	502,453	510,911	510,285
Ending Stocks						
China	109,000	115,000	116,500	116,500	113,000	113,000
India	22,600	29,500	33,900	36,000	38,500	38,250
Indonesia	5,563	4,063	3,313	3,410	3,760	3,810
Pakistan	1,431	948	1,149	1,763	2,068	2,068
Philippines	2,288	3,520	3,597	3,763	3,713	3,913
Thailand	2,852	4,080	3,979	4,442	4,642	4,442
Vietnam	1,034	1,097	1,180	2,661	2,374	2,455
Others	18,038	16,945	17,159	16,549	17,647	17,076
Subtotal	162,806	175,153	180,777	185,088	185,704	185,014
United States	933	1,424	910	1,387	1,095	1,047
World Total	163,739	176,577	181,687	186,475	186,799	186,061

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	Dec 2021/22	Jan 2021/22
TY Imports						
North America	2,075	2,143	2,530	2,210	2,345	2,245
Caribbean	1,067	1,076	1,211	1,030	1,130	1,130
South America	1,947	1,939	2,245	1,721	1,767	1,647
Other Europe	647	707	777	760	775	775
Former Soviet Union - 12	555	550	516	545	509	519
Middle East	6,655	7,208	6,957	6,110	7,105	7,105
North Africa	591	1,022	579	600	1,105	1,085
Sub-Saharan Africa	14,589	13,837	14,346	15,440	15,665	16,060
East Asia	6,141	4,404	4,805	6,400	6,185	6,285
South Asia	2,644	951	1,405	4,317	2,325	2,455
Southeast Asia	6,795	5,815	5,399	6,972	5,257	5,457
European Union	1,633	1,799	1,994	1,800	1,925	1,925
Total	46,267	42,354	43,839	48,770	47,028	47,603
Production						
North America	5,842	7,295	6,052	7,425	6,378	6,300
Caribbean	932	1,010	927	904	916	916
South America	16,945	16,037	16,287	16,958	16,926	16,877
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	1,320	1,293
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	20,836	20,349
East Asia	163,420	162,732	161,159	162,004	163,017	163,017
South Asia	158,759	165,688	169,414	172,483	176,208	175,800
Southeast Asia	120,044	116,064	113,198	116,044	116,301	116,445
Total	494,990	497,801	498,841	507,241	510,776	509,871
Domestic Consumption						
North America	5,577	5,911	5,982	6,219	6,084	6,000
Central America	1,342	1,358	1,395	1,345	1,390	1,380
Caribbean	1,984	2,111	1,991	1,991	2,021	2,021
South America	15,045	14,885	14,844	15,056	15,140	15,215
European Union	3,121	3,246	3,394	3,400	3,440	3,440
Former Soviet Union - 12	1,603	1,587	1,595	1,663	1,601	1,601
Middle East	9,018	9,207	9,426	9,090	9,290	9,290
North Africa	4,620	4,591	4,604	4,618	4,600	4,580
Sub-Saharan Africa	31,759	33,607	34,271	35,068	36,033	35,988
East Asia	159,061	158,933	161,013	165,866	170,090	170,090
South Asia	144,670	145,573	149,344	148,646	153,040	153,040
Southeast Asia	102,274	102,952	103,718	104,391	105,121	105,271
Total	481,171	484,981	492,678	498,458	508,988	509,054
Ending Stocks						
North America	1,084	1,578	1,085	1,595	1,338	1,285
Central America	299	309	322	209	291	256
Caribbean	275	303	327	316	326	326
South America	2,168	1,857	1,518	2,155	1,984	2,139
European Union	1,176	1,189	1,260	1,157	1,056	1,056
Middle East	1,004	1,183	1,732	1,427	1,663	1,613
North Africa	1,563	949	1,232	1,159	707	704
Sub-Saharan Africa	3,192	2,991	2,408	2,105	2,203	2,281
East Asia	113,196	118,766	120,224	119,975	116,732	116,712
South Asia	25,847	32,370	37,257	40,013	43,553	42,819
Southeast Asia	13,557	14,880	14,112	16,054	16,504	16,435
Oceania	232	52	15	95	245	245
Total	163,739	176,577	181,687	186,475	186,799	186,061

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 Dec	2021/22 Jan
TY Exports						
Argentina	27,208	36,134	42,943	40,977	46,602	47,602
Australia	7,156	4,049	3,632	9,679	10,175	10,475
Brazil	25,121	38,812	34,141	27,504	30,025	31,025
Canada	5,753	5,805	5,278	7,190	3,950	3,950
European Union	8,885	10,412	13,492	12,550	12,555	12,555
India	1,200	537	1,158	3,735	2,560	2,555
Paraguay	1,485	2,568	2,089	2,564	2,710	2,210
Russia	11,379	7,402	9,292	9,871	9,150	9,200
South Africa	2,368	1,190	2,465	2,756	3,210	3,210
Ukraine	21,438	34,874	34,088	29,049	38,645	39,645
Others	11,389	13,474	13,451	12,294	10,938	11,198
Subtotal	123,382	155,257	162,029	158,169	170,520	173,625
United States	68,633	51,838	52,589	76,014	71,510	69,710
World Total	192,015	207,095	214,618	234,183	242,030	243,335
TY Imports						
Algeria	4,492	5,284	5,672	4,976	5,510	5,510
Bangladesh	1,145	1,385	2,010	1,847	2,510	2,210
Brazil	1,527	1,797	1,987	2,679	3,200	3,500
Canada	1,837	2,570	1,972	1,869	3,112	3,412
Chile	1,976	2,431	2,838	2,557	2,840	2,840
China	16,425	10,540	17,480	50,531	46,700	46,750
Colombia	5,582	6,390	6,285	6,132	6,480	6,480
Egypt	9,541	9,568	10,444	9,653	10,320	10,320
European Union	19,311	26,290	18,675	15,815	16,400	16,400
Guatemala	1,091	1,224	1,527	1,346	1,700	1,700
Iran	11,600	12,200	9,100	10,200	9,800	10,300
Israel	2,145	1,896	2,397	2,002	2,210	2,210
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	11,610	11,810
Malaysia	3,668	3,690	3,806	3,726	3,925	3,925
Mexico	16,396	17,415	17,576	17,310	17,600	17,900
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	10,310	10,010
Taiwan	4,513	4,610	4,660	4,472	4,585	4,585
Thailand	847	1,406	2,287	2,889	3,000	3,000
Turkey	4,184	4,044	4,011	3,428	5,130	5,130
United Kingdom	2,631	3,087	2,674	2,934	2,827	2,827
Vietnam	9,577	11,033	12,198	11,947	12,300	12,300
Others	22,351	23,225	24,719	24,300	24,940	25,076
Subtotal	187,817	196,712	203,402	226,805	233,336	234,522
Unaccounted	1,272	7,758	8,224	4,848	6,343	6,412
United States	2,926	2,625	2,992	2,530	2,351	2,401
World Total	192,015	207,095	214,618	234,183	242,030	243,335

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 Dec	2021/22 Jan
Production						
Argentina	39,320	59,223	58,125	58,967	63,876	63,386
Australia	12,191	11,507	12,001	16,697	16,947	16,947
Brazil	85,058	104,334	105,815	90,962	122,023	119,023
Canada	26,243	26,203	28,611	29,644	24,214	24,214
China	265,719	265,006	269,067	269,083	279,952	280,852
Ethiopia	18,643	17,929	18,406	18,616	17,650	17,650
European Union	143,907	140,675	152,656	155,068	155,200	154,796
India	46,943	43,212	47,660	51,210	47,570	47,570
Indonesia	11,900	12,000	12,000	11,800	12,000	12,000
Mexico	33,191	33,470	32,095	32,662	33,750	33,350
Nigeria	18,859	19,840	19,665	18,570	20,400	20,400
Russia	41,715	34,998	40,495	41,396	38,400	38,310
South Africa	13,552	12,417	16,367	17,758	17,603	17,603
Turkey	12,271	13,251	14,451	15,761	11,581	11,581
Ukraine	34,071	44,503	46,545	39,585	51,585	53,585
Others	174,726	186,245	183,827	193,236	190,968	190,073
Subtotal	978,309	1,024,813	1,057,786	1,061,015	1,103,719	1,101,340
United States	384,387	377,905	359,434	372,887	397,948	398,707
World Total	1,362,696	1,402,718	1,417,220	1,433,902	1,501,667	1,500,047
Domestic Consumption						
Argentina	17,513	18,091	17,775	17,312	18,121	17,631
Brazil	67,181	70,983	72,844	75,455	77,526	77,526
Canada	23,126	24,114	24,930	24,693	24,498	24,798
China	282,598	287,812	296,210	313,107	322,900	323,950
Egypt	16,779	17,136	17,964	17,265	17,578	17,678
Ethiopia	18,556	18,161	18,451	18,878	17,925	17,925
European Union	152,900	158,474	158,788	159,578	159,001	158,593
India	44,769	44,571	45,775	47,546	46,470	46,340
Iran	15,820	16,520	14,620	14,820	14,120	14,620
Japan	17,642	17,953	17,867	17,200	17,771	17,771
Mexico	48,410	50,505	50,310	49,835	50,390	50,390
Nigeria	19,550	20,069	19,900	18,900	20,250	20,250
Russia	31,015	27,367	31,387	31,042	29,950	29,910
Turkey	15,361	16,651	17,761	18,051	17,871	17,871
Vietnam	13,777	14,333	14,750	17,200	16,450	16,450
Others	271,740	281,095	286,651	297,042	301,207	301,106
Subtotal	1,052,399	1,100,670	1,111,721	1,132,910	1,171,358	1,170,219
United States	324,417	322,984	320,728	315,700	321,860	323,747
World Total	1,376,816	1,423,654	1,432,449	1,448,610	1,493,218	1,493,966
Ending Stocks						
Argentina	3,366	3,622	4,679	2,289	3,758	3,247
Brazil	9,707	5,671	5,723	5,719	9,391	6,691
Canada	4,563	3,288	3,983	3,609	2,487	2,487
China	222,994	210,660	200,956	207,455	210,889	211,057
European Union	16,235	14,507	14,148	14,054	14,171	14,142
Mexico	6,181	5,784	4,138	3,604	3,963	3,863
South Africa	2,909	1,346	2,439	3,376	3,756	3,756
Others	48,989	46,578	48,802	47,871	41,616	41,200
Subtotal	314,944	291,456	284,868	287,977	290,031	286,443
United States	57,919	60,471	51,830	34,013	40,604	41,628
World Total	372,863	351,927	336,698	321,990	330,635	328,071

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Dec 2021/22	Jan 2021/22
TY Imports						
North America	21,159	22,610	22,540	21,709	23,063	23,713
Central America	4,001	4,352	4,904	4,739	5,300	5,300
Caribbean	2,446	2,379	2,275	2,399	2,623	2,623
South America	14,810	15,686	16,990	16,843	18,452	18,702
European Union	19,311	26,290	18,675	15,815	16,400	16,400
Former Soviet Union - 12	701	1,025	1,134	758	984	975
Middle East	35,950	34,061	34,003	32,191	34,621	34,971
North Africa	19,245	20,875	23,565	21,162	22,187	22,187
Sub-Saharan Africa	3,287	3,494	3,857	3,552	3,278	3,578
East Asia	48,740	43,904	51,829	83,831	80,185	80,435
Southeast Asia	15,552	17,874	19,960	19,999	21,065	21,065
Others	5,541	6,787	6,662	6,337	7,529	6,974
Total	190,743	199,337	206,394	229,335	235,687	236,923
Production						
North America	443,821	437,578	420,140	435,193	455,912	456,271
South America	139,324	179,181	178,560	163,821	201,391	197,506
European Union	143,907	140,675	152,656	155,068	155,200	154,796
Other Europe	15,514	18,627	20,759	21,728	18,493	18,493
Former Soviet Union - 12	88,881	93,534	101,501	95,180	103,086	104,996
Middle East	19,357	19,435	24,127	25,295	19,185	19,185
North Africa	11,463	13,190	11,593	10,579	12,669	12,669
Sub-Saharan Africa	119,324	122,845	121,436	130,025	131,447	130,947
East Asia	268,365	268,346	272,204	271,809	282,799	283,699
South Asia	60,202	57,708	63,353	68,202	64,777	64,777
Southeast Asia	34,841	34,883	33,642	35,187	34,520	34,520
Oceania	12,700	12,103	12,608	17,249	17,558	17,558
Others	4,997	4,613	4,641	4,566	4,630	4,630
Total	1,362,696	1,402,718	1,417,220	1,433,902	1,501,667	1,500,047
Domestic Consumption						
North America	395,953	397,603	395,968	390,228	396,748	398,935
South America	110,739	115,543	117,723	119,180	123,479	122,878
European Union	152,900	158,474	158,788	159,578	159,001	158,593
Other Europe	17,285	18,156	18,590	20,824	19,103	19,104
Former Soviet Union - 12	54,607	51,017	56,318	56,857	54,757	55,706
Middle East	54,733	54,897	56,220	56,152	55,657	56,007
North Africa	31,665	32,563	35,509	33,206	34,685	34,785
Sub-Saharan Africa	120,282	125,355	122,393	127,873	129,393	129,243
East Asia	317,259	324,394	333,535	349,438	359,864	360,964
South Asia	60,446	60,954	63,054	67,333	66,981	66,371
Southeast Asia	47,320	48,199	48,301	53,359	53,363	53,363
Oceania	6,482	8,138	8,428	7,740	8,536	8,236
Others	11,483	11,526	11,884	11,856	12,321	12,371
Total	1,381,154	1,406,819	1,426,711	1,453,624	1,473,888	1,476,556
Ending Stocks						
North America	68,663	69,543	59,951	41,226	47,054	47,978
South America	16,767	12,876	13,738	10,698	15,698	12,457
European Union	16,235	14,507	14,148	14,054	14,171	14,142
Other Europe	2,359	2,827	3,005	2,916	2,461	2,452
Former Soviet Union - 12	5,943	4,973	6,382	5,529	5,261	5,185
Middle East	7,199	5,566	6,520	6,235	5,213	5,144
North Africa	3,324	3,777	3,846	3,225	3,162	3,291
Sub-Saharan Africa	12,825	11,016	10,162	11,685	12,374	12,224
East Asia	227,462	215,242	205,707	211,901	214,774	215,021
South Asia	5,142	3,774	5,031	5,447	4,435	4,188
Southeast Asia	3,241	4,146	4,271	5,731	3,513	3,474
Oceania	2,391	2,516	2,978	2,438	1,439	1,443
Others	1,312	1,164	959	905	1,080	1,072
Total	372,863	351,927	336,698	321,990	330,635	328,071

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 Dec	2021/22 Jan
TY Exports						
Argentina	24,198	32,879	39,917	36,544	40,500	41,500
Brazil	25,116	38,773	34,137	27,492	30,000	31,000
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	2,500
Paraguay	1,476	2,559	2,081	2,563	2,700	2,200
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	3,200
Ukraine	18,036	30,321	28,929	23,864	32,500	33,500
Others	8,018	6,765	5,300	5,520	5,141	5,424
Subtotal	90,714	124,341	128,737	115,140	129,741	132,524
United States	63,657	49,297	46,992	68,558	63,000	61,500
World Total	154,371	173,638	175,729	183,698	192,741	194,024
TY Imports						
Algeria	4,046	4,816	5,156	4,186	4,800	4,800
Bangladesh	1,145	1,358	2,003	1,838	2,500	2,200
Brazil	943	1,189	1,338	2,281	2,700	3,000
Canada	1,767	2,521	1,867	1,548	3,000	3,300
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	10,300
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	7,500	7,700
Israel	1,861	1,611	1,992	1,493	1,800	1,800
Japan	15,668	16,050	15,888	15,479	15,600	15,600
Korea, South	10,018	10,856	11,882	11,714	11,500	11,700
Malaysia	3,645	3,674	3,777	3,700	3,900	3,900
Mexico	16,129	16,658	16,526	16,498	17,000	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	3,300
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	19,461	18,057	19,391	19,647
Subtotal	151,630	167,178	168,826	179,758	187,291	188,547
Unaccounted	1,903	5,660	5,944	3,311	4,800	4,827
United States	838	800	959	629	650	650
World Total	154,371	173,638	175,729	183,698	192,741	194,024

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 Dec	2021/22 Jan
Production						
Argentina	32,000	51,000	51,000	50,500	54,500	54,000
Brazil	82,000	101,000	102,000	87,000	118,000	115,000
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	70,350	69,960
India	28,753	27,715	28,766	31,510	30,000	30,000
Indonesia	11,900	12,000	12,000	11,800	12,000	12,000
Mexico	27,569	27,671	26,658	27,346	28,000	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	7,800	7,800
Russia	13,201	11,415	14,275	13,872	15,000	15,000
South Africa	13,104	11,824	15,844	16,900	17,000	17,000
Ukraine	24,115	35,805	35,887	30,297	40,000	42,000
Others	107,944	114,007	110,487	117,121	118,756	117,921
Subtotal	710,564	763,401	773,744	764,380	826,142	823,017
United States	371,096	364,262	345,962	358,447	382,592	383,943
World Total	1,081,660	1,127,663	1,119,706	1,122,827	1,208,734	1,206,960
Total Consumption						
Argentina	12,400	13,800	13,500	13,500	14,500	14,000
Brazil	63,500	67,000	68,500	71,000	73,000	73,000
Canada	13,909	15,088	13,958	14,012	16,200	16,500
China	263,000	274,000	278,000	285,000	294,000	294,000
Egypt	15,900	16,200	16,900	16,400	16,700	16,800
European Union	75,200	85,000	79,000	77,600	80,300	79,900
India	26,700	28,500	27,200	27,850	28,600	28,600
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	11,800	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	190,284	192,688	198,262	203,375	204,055
Subtotal	778,182	836,310	826,258	830,327	882,683	880,895
United States	313,991	310,391	309,547	306,542	313,196	315,228
World Total	1,092,173	1,146,701	1,135,805	1,136,869	1,195,879	1,196,123
Ending Stocks						
Argentina	2,407	2,367	3,619	1,124	2,629	2,129
Brazil	9,315	5,311	5,230	5,230	8,930	6,230
Canada	2,417	1,979	2,560	2,169	1,953	1,953
China	222,541	210,179	200,526	205,704	210,236	210,236
European Union	8,983	7,644	7,382	7,629	7,798	7,789
Mexico	5,649	5,160	3,515	3,079	3,279	3,179
South Africa	2,672	1,020	2,117	2,827	3,327	3,327
Others	33,058	32,301	32,566	33,110	29,455	29,114
Subtotal	287,042	265,961	257,515	260,872	267,607	263,957
United States	54,367	56,410	48,757	31,358	37,936	39,110
World Total	341,409	322,371	306,272	292,230	305,543	303,067

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Dec 2021/22	Jan 2021/22
TY Imports						
North America	18,734	19,979	19,352	18,675	20,650	21,250
Central America	4,001	4,352	4,904	4,739	5,300	5,300
South America	13,542	14,349	15,688	15,639	17,175	17,425
European Union	17,667	23,583	17,384	14,488	15,000	15,000
Former Soviet Union - 12	440	588	564	315	605	586
Middle East	22,130	22,038	21,005	18,194	21,010	21,360
North Africa	17,246	18,531	20,306	17,899	19,600	19,600
Sub-Saharan Africa	2,480	2,793	3,110	2,889	2,380	2,680
East Asia	33,599	35,961	40,008	61,130	57,650	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	6,182	5,868	6,936	6,511
Total	152,468	167,978	169,785	180,387	187,941	189,197
Production						
North America	412,761	405,818	386,024	399,356	424,576	425,527
South America	126,174	164,763	164,713	148,124	184,635	180,800
European Union	62,021	64,351	66,742	67,092	70,350	69,960
Other Europe	5,397	9,411	9,455	10,300	7,880	7,880
Former Soviet Union - 12	42,257	53,119	56,099	49,452	61,235	63,235
Middle East	6,966	7,319	7,945	9,060	8,469	8,469
North Africa	6,523	6,919	6,441	6,521	6,521	6,521
Sub-Saharan Africa	77,434	75,246	77,381	82,862	84,797	84,297
East Asia	261,417	260,184	263,488	263,026	275,012	275,012
South Asia	40,972	41,202	43,318	47,343	46,083	46,083
Central America	3,877	3,441	3,516	3,465	3,606	3,606
Southeast Asia	34,551	34,593	33,352	34,897	34,230	34,230
Others	1,310	1,297	1,232	1,329	1,340	1,340
Total	1,081,660	1,127,663	1,119,706	1,122,827	1,208,734	1,206,960
Domestic Consumption						
North America	370,400	369,579	367,305	364,354	373,596	375,928
South America	98,398	103,926	105,602	107,199	111,470	110,895
European Union	75,200	85,000	79,000	77,600	80,300	79,900
Other Europe	8,002	9,433	9,286	10,235	9,505	9,505
Former Soviet Union - 12	19,202	20,312	21,985	22,645	23,610	24,590
Middle East	27,919	28,778	28,114	26,911	29,435	29,785
North Africa	24,400	24,600	27,190	25,780	26,100	26,200
Sub-Saharan Africa	77,131	77,690	77,240	80,137	82,060	81,910
East Asia	295,227	308,273	313,031	319,196	328,700	328,750
South Asia	41,206	43,799	43,314	46,457	47,960	47,485
Southeast Asia	46,667	47,519	47,066	51,217	51,025	51,025
Central America	7,830	7,990	8,370	8,410	8,660	8,660
Others	3,911	3,847	3,735	3,682	4,050	4,100
Total	1,095,493	1,130,746	1,131,238	1,143,823	1,176,471	1,178,733
Ending Stocks						
North America	62,433	63,549	54,832	36,606	43,168	44,242
South America	15,045	10,835	11,733	8,564	13,650	10,428
European Union	8,983	7,644	7,382	7,629	7,798	7,789
Other Europe	919	1,433	1,318	1,537	1,081	1,072
Former Soviet Union - 12	2,582	2,200	3,260	2,328	2,797	2,809
Middle East	3,213	2,919	3,196	3,103	2,908	2,887
North Africa	2,462	2,473	2,379	1,861	1,712	1,777
Sub-Saharan Africa	10,617	8,466	8,201	9,891	10,655	10,505
East Asia	226,591	214,436	204,897	209,853	213,866	213,945
South Asia	3,928	3,034	3,790	4,141	3,238	2,989
Southeast Asia	3,230	4,135	4,262	5,725	3,507	3,468
Central America	1,052	903	797	692	932	923
Others	354	344	225	300	231	233
Total	341,409	322,371	306,272	292,230	305,543	303,067

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 Dec	2021/22 Jan
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	8,500
Canada	1,868	2,269	2,520	3,520	1,500	1,500
European Union	5,894	5,809	7,579	8,558	7,300	7,300
Kazakhstan	1,411	1,762	1,292	1,028	800	800
Russia	5,661	4,320	5,141	5,691	4,500	4,500
Syria	0	0	250	140	150	150
Ukraine	3,188	4,407	4,990	5,053	6,000	6,000
United Kingdom	896	1,538	1,404	1,292	1,100	1,100
Uruguay	12	62	41	187	225	200
Others	343	292	223	414	317	313
Subtotal	27,898	27,126	29,269	36,348	33,892	33,863
United States	102	101	155	350	175	175
World Total	28,000	27,227	29,424	36,698	34,067	34,038
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	10,100	10,100
Colombia	324	341	308	336	350	350
European Union	979	1,762	1,089	1,150	1,300	1,300
Iran	2,700	3,200	2,300	3,000	2,300	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	350	350
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	6,500	6,200
Thailand	147	206	685	1,043	1,200	1,200
Tunisia	674	487	751	950	700	700
Turkey	774	375	1,007	1,634	1,800	1,800
United Arab Emirates	263	476	443	519	500	500
Vietnam	177	133	198	747	800	800
Others	1,551	1,846	1,309	2,028	1,611	1,491
Subtotal	28,283	25,135	27,865	35,843	33,211	33,091
Unaccounted	-453	1,959	1,402	719	706	747
United States	170	133	157	136	150	200
World Total	28,000	27,227	29,424	36,698	34,067	34,038

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 Dec	2021/22 Jan
Production						
Algeria	968	1,950	2,000	1,845	1,600	1,600
Argentina	3,740	5,060	3,800	4,500	4,800	4,800
Australia	9,254	8,819	10,127	13,100	13,000	13,000
Canada	7,891	8,380	10,383	10,741	6,948	6,948
China	1,085	2,021	2,011	2,036	900	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	52,750
India	1,747	1,781	1,633	1,720	1,670	1,670
Iran	3,100	2,800	3,600	3,600	2,700	2,700
Kazakhstan	3,305	3,971	3,830	3,659	2,500	2,500
Morocco	2,466	2,919	1,161	640	2,780	2,780
Russia	20,211	16,737	19,939	20,629	17,000	17,500
Turkey	6,400	7,000	7,900	8,100	4,500	4,500
Ukraine	8,695	7,604	9,528	7,947	10,200	10,200
United Kingdom	7,169	6,510	8,048	8,117	7,200	7,200
Others	10,572	9,920	13,673	13,601	12,051	11,991
Subtotal	140,045	136,691	155,191	156,808	142,949	144,489
United States	3,119	3,343	3,756	3,719	2,562	2,562
World Total	143,164	140,034	158,947	160,527	145,511	147,051
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	7,756	6,050	6,050
China	9,300	7,000	8,000	13,000	11,800	13,000
Ethiopia	2,225	1,825	2,325	2,375	2,425	2,425
European Union	46,900	45,600	49,500	48,250	46,800	46,800
India	1,950	1,900	1,850	1,900	1,820	1,690
Iran	6,000	6,200	6,400	6,400	5,200	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	12,800	13,300
Saudi Arabia	8,525	7,025	7,025	7,025	6,525	6,225
Turkey	6,700	7,500	8,500	8,990	7,400	7,400
Ukraine	4,500	4,200	4,500	4,000	4,200	4,200
United Kingdom	6,201	5,666	5,989	7,225	6,192	6,192
Others	18,896	19,211	21,866	24,115	23,407	23,376
Subtotal	142,008	137,653	152,973	157,642	147,029	148,620
United States	3,466	3,537	3,922	3,753	2,722	2,831
World Total	145,474	141,190	156,895	161,395	149,751	151,451
Ending Stocks						
Algeria	517	790	998	1,029	743	779
Argentina	388	723	718	944	830	844
Australia	1,776	1,908	2,711	1,969	970	969
European Union	5,592	5,457	5,207	5,012	4,976	4,962
Saudi Arabia	1,841	1,327	1,016	1,002	988	988
Ukraine	1,149	1,008	1,053	861	871	871
United Kingdom	1,076	1,091	1,357	1,040	1,028	1,028
Others	7,064	6,116	7,549	8,076	5,217	5,404
Subtotal	19,403	18,420	20,609	19,933	15,623	15,845
United States	2,057	1,884	1,747	1,555	1,308	1,243
World Total	21,460	20,304	22,356	21,488	16,931	17,088

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Dec 2021/22	Jan 2021/22
TY Imports						
North America	227	253	589	936	600	650
South America	1,082	1,179	1,168	926	1,037	1,037
European Union	979	1,762	1,089	1,150	1,300	1,300
Other Europe	183	252	175	203	163	163
Former Soviet Union - 12	229	395	464	420	366	376
Middle East	13,758	11,967	12,942	13,938	13,510	13,510
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	11,460	11,460
South Asia	114	296	89	34	225	90
Oceania	19	14	7	46	10	15
Total	28,453	25,268	28,022	35,979	33,361	33,291
Production						
North America	12,015	12,719	15,149	15,365	10,470	10,470
South America	4,862	6,551	5,326	6,206	6,514	6,454
European Union	51,482	49,470	55,180	54,234	52,750	52,750
Other Europe	8,508	7,762	9,433	9,611	8,722	8,722
Former Soviet Union - 12	35,563	31,225	36,528	35,680	32,630	33,130
Middle East	11,352	11,069	15,194	15,240	9,693	9,693
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	2,835
East Asia	1,381	2,347	2,435	2,402	1,283	2,383
South Asia	1,943	1,936	1,981	2,066	1,976	1,976
Oceania	9,552	9,199	10,511	13,438	13,400	13,400
Total	143,164	140,034	158,947	160,527	145,511	147,051
Domestic Consumption						
North America	11,281	11,095	13,330	12,809	10,072	10,181
South America	3,780	4,016	4,098	4,472	3,959	3,924
European Union	46,900	45,600	49,500	48,250	46,800	46,800
Other Europe	7,575	7,032	7,378	8,710	7,681	7,681
Former Soviet Union - 12	24,589	21,759	25,705	24,547	22,215	22,724
Middle East	25,727	25,012	27,056	28,187	25,138	25,138
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	13,585	14,785
South Asia	2,214	2,103	2,221	2,262	2,153	2,018
Oceania	4,050	5,385	6,390	5,890	5,900	5,900
Total	146,468	140,422	156,635	161,049	150,191	151,839
Ending Stocks						
North America	3,716	3,109	3,166	2,676	1,937	1,872
South America	705	1,157	1,131	1,292	1,146	1,152
European Union	5,592	5,457	5,207	5,012	4,976	4,962
Other Europe	1,238	1,227	1,529	1,185	1,181	1,181
Former Soviet Union - 12	2,569	2,307	2,565	2,525	1,876	1,867
Middle East	3,956	2,617	3,304	3,112	2,245	2,197
North Africa	806	1,249	1,420	1,320	1,406	1,470
Sub-Saharan Africa	332	348	404	575	485	485
East Asia	469	612	631	1,643	490	701
South Asia	253	264	235	127	161	170
Oceania	1,813	1,946	2,755	2,015	1,022	1,025
Total	21,460	20,304	22,356	21,488	16,931	17,088

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 Dec	2021/22 Jan
TY Exports						
Argentina	473	254	426	1,973	2,600	2,600
Australia	449	91	107	1,209	1,000	1,300
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	75
Others	310	286	163	149	213	213
Subtotal	1,710	923	986	3,605	4,138	4,438
United States	4,839	2,410	5,404	7,052	8,300	8,000
World Total	6,549	3,333	6,390	10,657	12,438	12,438
TY Imports						
Chile	49	73	36	26	70	70
China	4,436	652	3,709	8,669	10,300	10,300
Ethiopia	6	6	61	5	50	50
Japan	577	449	426	299	320	320
Kenya	141	109	52	181	170	170
Mexico	98	546	567	133	100	100
Somalia	80	85	80	50	50	50
South Sudan	148	26	81	71	150	150
Sudan	150	160	150	88	100	100
Taiwan	64	70	40	56	50	50
Others	958	1,069	424	359	409	409
Subtotal	6,707	3,245	5,626	9,937	11,769	11,769
Unaccounted	-209	87	763	719	668	668
United States	51	1	1	1	1	1
World Total	6,549	3,333	6,390	10,657	12,438	12,438

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 Dec	2021/22 Jan
Production						
Argentina	3,000	2,500	2,500	3,320	3,750	3,750
Australia	1,257	1,160	397	1,500	1,900	1,900
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
Chad	946	988	973	980	950	950
China	2,465	2,909	3,137	2,970	3,600	3,000
Ethiopia	5,164	5,024	5,266	4,517	5,200	5,200
India	4,803	3,480	4,772	4,780	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	6,843	7,395	7,331	7,588	7,484	7,470
Subtotal	48,788	50,138	49,097	52,318	54,334	53,720
United States	9,192	9,271	8,673	9,474	11,967	11,375
World Total	57,980	59,409	57,770	61,792	66,301	65,095
Total Consumption						
Argentina	3,100	2,150	2,050	1,200	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	13,900	13,300
Ethiopia	5,000	5,000	5,300	4,900	5,200	5,200
European Union	950	1,524	978	973	901	893
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	4,650	4,650
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	8,668	7,631	7,549	8,308	8,008
Subtotal	54,658	52,394	55,146	59,631	62,385	61,523
United States	4,119	6,212	4,365	2,514	3,429	3,175
World Total	58,777	58,606	59,511	62,145	65,814	64,698
Ending Stocks						
Argentina	515	454	266	161	236	211
Brazil	250	194	293	314	294	294
China	105	17	34	269	282	239
India	274	153	394	567	424	417
Mexico	113	259	153	102	251	251
Nigeria	181	152	117	87	187	187
Sudan	386	631	110	243	243	243
Others	1,997	2,032	1,637	1,156	1,133	1,127
Subtotal	3,821	3,892	3,004	2,899	3,050	2,969
United States	885	1,617	764	516	928	843
World Total	4,706	5,509	3,768	3,415	3,978	3,812

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Dec 2021/22	Jan 2021/22
TY Imports						
North America	149	547	568	134	101	101
South America	111	80	45	37	110	110
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	10,675
Southeast Asia	22	36	41	28	25	25
Others	64	29	2	7	3	3
Total	6,758	3,246	5,627	9,938	11,770	11,770
Production						
North America	13,737	13,971	13,001	13,822	16,667	16,075
Central America	282	288	286	242	220	220
Caribbean	91	106	71	76	81	81
South America	6,420	5,918	6,252	7,383	7,793	7,793
European Union	660	753	851	958	900	886
Middle East	410	440	390	391	405	405
North Africa	754	753	753	755	755	755
Sub-Saharan Africa	26,712	29,236	27,476	28,611	29,238	29,238
East Asia	2,467	2,911	3,139	2,972	3,602	3,002
South Asia	4,957	3,629	4,912	4,925	4,550	4,550
Southeast Asia	50	50	50	50	50	50
Oceania	1,257	1,160	397	1,500	1,900	1,900
Others	183	194	192	107	140	140
Total	57,980	59,409	57,770	61,792	66,301	65,095
Domestic Consumption						
North America	8,819	11,312	9,365	7,014	8,079	7,825
Central America	282	291	286	245	222	222
Caribbean	91	108	71	79	84	84
South America	6,532	5,640	5,683	5,220	5,488	5,488
European Union	950	1,524	978	973	901	893
Middle East	447	483	434	432	446	446
North Africa	754	753	769	756	757	757
Sub-Saharan Africa	27,640	29,279	28,538	29,337	29,711	29,711
East Asia	7,605	4,156	7,257	11,774	14,277	13,677
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	400	100	850	550
Others	101	122	93	98	80	80
Total	58,904	58,529	58,596	60,811	65,618	64,456
Ending Stocks						
North America	998	1,876	917	618	1,179	1,094
Central America	12	9	9	6	4	4
South America	892	740	683	620	675	650
European Union	138	103	45	29	38	32
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	1,185	1,195	1,195
East Asia	157	38	71	295	308	265
South Asia	274	153	394	567	424	417
Oceania	273	287	34	34	84	84
Others	56	62	39	17	27	27
Total	4,706	5,509	3,768	3,415	3,978	3,812

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 Dec	2021/22 Jan
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	200
Kazakhstan	10	27	7	5	10	10
Russia	34	134	73	90	100	150
Ukraine	7	11	16	15	15	15
United Kingdom	26	50	112	31	115	115
Others	40	47	15	11	14	15
Subtotal	2,493	2,303	2,602	2,649	2,354	2,405
United States	31	26	32	50	30	30
World Total	2,524	2,329	2,634	2,699	2,384	2,435
TY Imports						
Algeria	7	1	13	10	10	10
Chile	0	14	28	169	50	50
China	389	224	222	301	300	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	180	150	150
Norway	21	93	45	15	25	25
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	1,055	944	994
Unaccounted	16	80	107	69	140	141
United States	1,543	1,397	1,591	1,575	1,300	1,300
World Total	2,524	2,329	2,634	2,699	2,384	2,435

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 Dec	2021/22 Jan
Production						
Algeria	110	110	110	110	110	110
Argentina	492	572	600	510	690	690
Australia	1,227	1,135	1,143	1,675	1,550	1,550
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	200	200
Norway	283	144	300	300	300	300
Russia	5,448	4,715	4,420	4,127	4,100	3,750
Turkey	250	230	230	240	250	250
Ukraine	481	423	427	515	465	465
United Kingdom	875	850	1,076	1,031	1,100	1,100
Others	372	410	357	395	451	451
Subtotal	22,954	21,383	22,446	24,557	22,449	22,099
United States	720	815	773	954	578	578
World Total	23,674	22,198	23,219	25,511	23,027	22,677
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	2,339	1,700	1,700
Chile	570	390	520	615	650	650
China	850	870	870	900	900	950
European Union	7,050	7,000	6,900	8,225	8,050	8,050
Kazakhstan	275	315	250	235	225	225
Mexico	200	255	210	235	240	240
Norway	320	250	345	320	325	325
Russia	5,400	4,700	4,200	4,050	4,000	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	677	675	755	792	791
Subtotal	21,633	20,705	20,832	22,514	21,648	21,348
United States	2,358	2,326	2,344	2,363	2,023	2,023
World Total	23,991	23,031	23,176	24,877	23,671	23,371
Ending Stocks						
Australia	196	191	114	293	243	243
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	389
Russia	167	60	195	188	188	139
United Kingdom	138	116	106	147	152	152
Others	358	318	368	385	371	371
Subtotal	2,424	1,637	1,695	2,311	1,813	1,764
United States	595	549	534	552	405	405
World Total	3,019	2,186	2,229	2,863	2,218	2,169

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Dec 2021/22	Jan 2021/22
TY Imports						
North America	1,723	1,535	1,744	1,774	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	105
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	375	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	2,630	2,244	2,294
Production						
North America	4,525	4,354	5,099	5,593	3,274	3,274
South America	1,754	1,830	2,015	1,941	2,282	2,282
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	5,121	4,771
Middle East	250	230	230	240	250	250
North Africa	145	131	118	145	155	155
Sub-Saharan Africa	23	33	17	57	80	80
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	1,699	1,574	1,574
Total	23,674	22,198	23,219	25,511	23,027	22,677
Domestic Consumption						
North America	4,599	4,664	4,973	4,937	3,963	3,963
South America	1,915	1,842	2,086	2,122	2,395	2,394
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	1,525
Former Soviet Union - 12	6,621	5,846	5,247	5,208	5,047	4,697
Middle East	240	230	240	240	240	240
North Africa	152	134	131	165	170	170
Sub-Saharan Africa	66	65	69	69	95	95
East Asia	940	951	943	972	976	1,026
South Asia	19	21	25	46	50	50
Southeast Asia	23	16	29	26	25	25
Oceania	935	927	994	1,124	1,024	1,024
Total	23,921	23,021	23,171	24,635	23,560	23,259
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	389
Other Europe	202	167	158	194	199	199
Former Soviet Union - 12	330	177	322	341	292	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	39
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	296	246	246
Total	3,019	2,186	2,229	2,863	2,218	2,169

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 Dec	2021/22 Jan
TY Exports						
Belarus	0	0	0	22	5	5
Canada	227	152	147	148	150	150
European Union	103	191	274	95	135	135
Russia	152	178	6	101	50	50
Ukraine	84	42	8	58	55	55
Others	1	1	0	3	0	0
Subtotal	567	564	435	427	395	395
United States	4	4	6	4	5	5
World Total	571	568	441	431	400	400
TY Imports						
European Union	142	221	0	131	20	20
Israel	21	17	8	18	30	30
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	20	20
Others	40	19	106	16	12	12
Subtotal	232	302	149	212	121	121
Unaccounted	15	-28	8	30	29	29
United States	324	294	284	189	250	250
World Total	571	568	441	431	400	400

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 Dec	2021/22 Jan
Production						
Argentina	86	87	220	135	134	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	2,000	1,700
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	12,602	12,312
United States	260	214	270	293	249	249
World Total	12,304	9,999	12,254	14,292	12,851	12,561
Total Consumption						
Argentina	86	87	220	135	134	144
Belarus	665	550	750	1,050	790	790
Canada	189	169	181	310	345	345
European Union	7,600	6,350	8,060	8,980	8,000	8,000
Kazakhstan	35	35	27	35	45	45
Norway	54	27	59	58	60	60
Russia	2,500	1,750	1,550	2,200	1,950	1,700
Turkey	320	320	320	320	330	330
Ukraine	480	332	332	410	525	525
United Kingdom	42	38	36	37	40	40
Others	135	134	124	138	146	147
Subtotal	12,139	9,817	11,650	13,691	12,420	12,180
United States	483	518	550	528	490	490
World Total	12,622	10,335	12,200	14,219	12,910	12,670
Ending Stocks						
Belarus	61	35	44	31	34	34
Canada	124	49	40	72	52	52
European Union	591	513	590	505	480	480
Kazakhstan	16	4	0	4	5	5
Russia	260	141	104	201	157	127
Turkey	14	14	14	14	34	34
Ukraine	69	47	48	82	73	73
Others	1	1	1	1	1	1
Subtotal	1,136	804	841	910	836	806
United States	15	11	28	32	27	27
World Total	1,151	815	869	942	863	833

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Dec 2021/22	Jan 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	20	20
Other Europe	15	25	15	19	15	15
Former Soviet Union - 12	28	11	100	17	9	9
Middle East	21	17	8	18	50	50
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	371	371
Production						
North America	601	450	603	781	722	722
South America	97	100	234	150	150	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	3,440	3,140
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	12,851	12,561
Domestic Consumption						
North America	672	687	731	838	835	835
South America	97	100	234	150	150	160
European Union	7,600	6,350	8,060	8,980	8,000	8,000
Other Europe	142	110	141	141	142	143
Former Soviet Union - 12	3,680	2,667	2,659	3,695	3,310	3,060
Middle East	341	337	328	338	360	360
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	14,201	12,855	12,616
Ending Stocks						
North America	139	60	68	104	79	79
South America	0	0	0	0	0	0
European Union	591	513	590	505	480	480
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	406	227	196	318	269	239
Middle East	14	14	14	14	34	34
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	942	863	833

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.