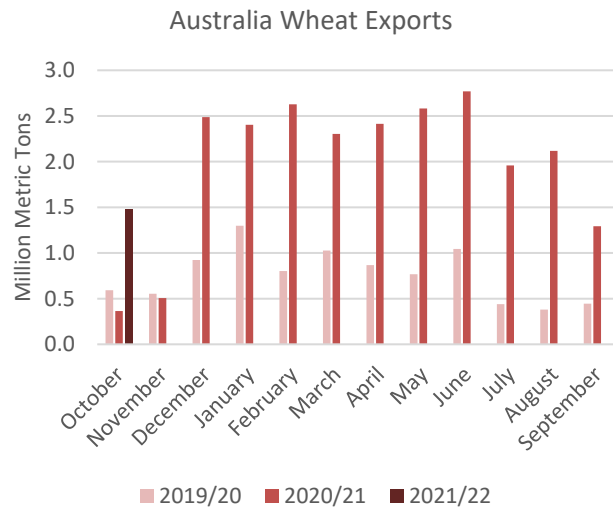
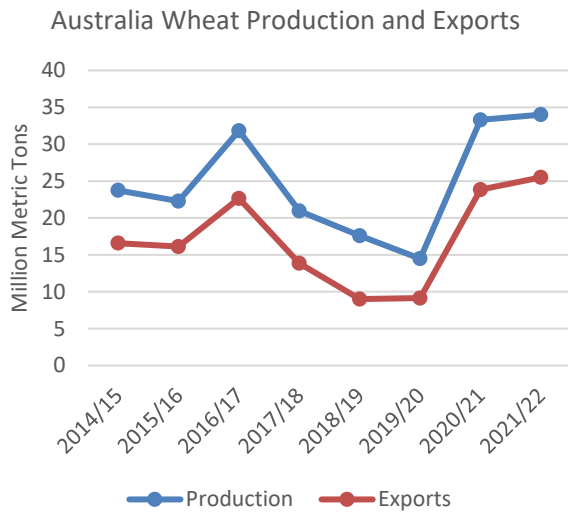


Grain: World Markets and Trade

Record Australia Wheat Exports Amid Bumper Crop and Strong Global Demand



Source: Trade Data Monitor, LLC

A second consecutive record wheat crop, strong global demand, and reduced competition are set to propel Australia’s wheat exports to record volumes. It is set to be the third-largest exporter, eclipsing the United States and Canada, which both have smaller crops, tighter stocks, and high prices.

After 3 years of drought, Australia benefited from improved precipitation in 2020/21 and 2021/22 with near-record yields, resulting in this year’s crop estimated at a record 34.0 million tons. Despite large volumes, the good precipitation throughout the growing season led to lower protein levels in some regions, and untimely rains at harvest in eastern Australia have raised concerns about quality. With high-protein wheat scarce amid dismal U.S. and Canadian crops, some importers are scrambling to purchase what is needed for bread and pasta. With a large crop and relatively robust beginning stocks, Australia will be able to supply its core Asian markets with both milling and feed-quality wheat. However, due to expected quality issues, a significant share of Australia wheat exports may be low protein.

Strong global demand for wheat has been a key factor sustaining Australia exports. Global trade for 2021/22 is up nearly 5 percent to over 205 million tons. Global consumption is up, but global production is relatively flat. The third- and fourth-largest importers, Indonesia and China, are set to remain very strong buyers this year and are heavily dependent upon Australia. Indonesia will likely purchase both milling and feed-quality wheat from Australia. Southeast Asian buyers and South Korea will rely more heavily on Australia for feed-quality wheat.

While Australia faces less competition from the United States and Canada in markets such as China, it will face some increased competition from India and Argentina in other markets. India exports have continued to soar, offering an attractively priced alternative for Asian markets as major wheat exporter quotes continue to climb. Argentina is expected to have a bumper crop that it will seek to export not only to the Western Hemisphere but also to Asia.

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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](#)

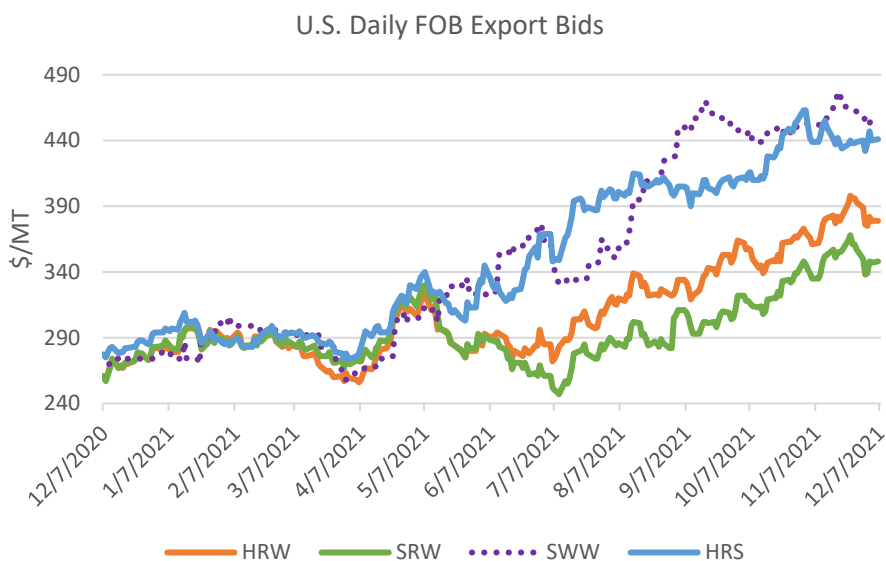
WHEAT

OVERVIEW FOR 2021/22

Global production is up this month with higher estimates for Australia, Canada, and Russia only partly offset by a downward revision for Iran. Global consumption is raised this month on higher feed and residual use more than offsetting lower food, seed, and industrial (FSI) use. Ending stocks are revised slightly higher but are still the lowest in 5 years. Global trade is forecast at a record with imports raised for Iran, Indonesia, and South Korea. Exports are raised for Australia, the European Union, Ukraine, and India, while lowered for the United States. The U.S. season-average farm price is up 15 cents to \$7.05 per bushel.

WHEAT PRICES

Domestic: U.S. export quotes have risen since the November *WASDE* report. Hard Red Spring (HRS) was mostly sideways, reflecting limited demand at the exceptionally high \$441/ton, up nearly 60 percent from last year. Similarly, Soft White Winter (SWW) peaked during the past month before falling back down to \$457/ton with muted foreign demand. Hard Red Winter (HRW) shot up \$17/ton to \$379 while Soft Red Winter (SRW) settled up \$13/ton to \$348.



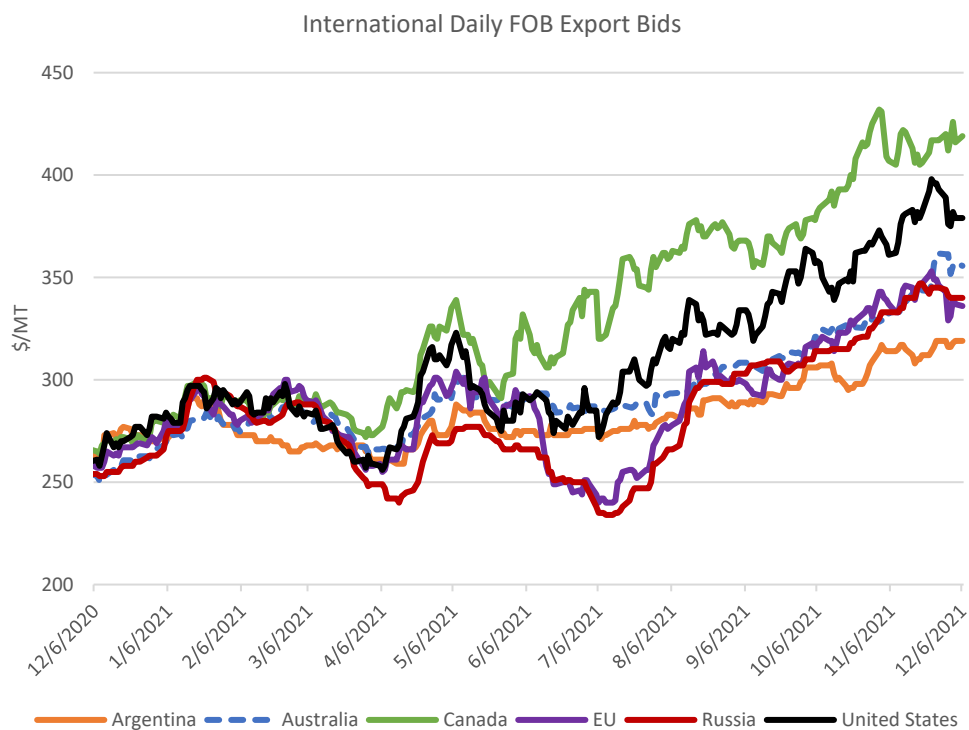
Source: IGC

*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 slightly higher over the past month, with strong import demand and mounting concerns over the availability of high-protein wheat. Argentine quotes edged up only \$5/ton as favorable early harvest results and ample exportable supplies make this quote the most competitive. EU quotes have risen just \$7/ton since the last report, tracking closely with its key competitor Russia which rose a similar amount. The global export market recently edged lower, amid rumors that the Russian export quota may be less restrictive than initially anticipated. Nevertheless, its export tax continues to escalate and is now above \$80/ton, a significant increase from \$25/ton when the marketing year began in July. Australian quotes are up \$22/ton, reflecting both the remarkably strong export pace and the concerns about the availability of higher protein wheat. U.S. HRW shot up \$17/ton, while Canadian quotes rallied \$14/ton, reflecting tight supplies.

Argentina	Australia	Canada	EU	Russia	United States
\$319	\$356	\$419	\$336	\$340	\$379

Note: As of December 6, 2021



Source: IGC

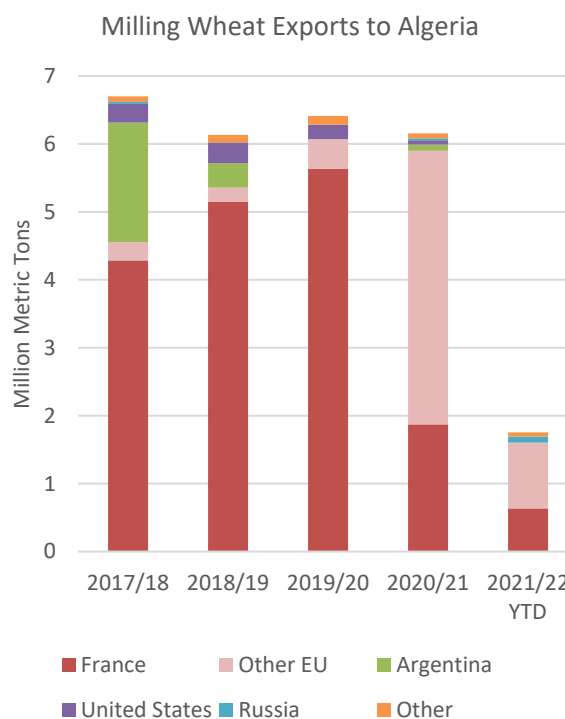
*Note on FOB prices: Argentina- 12.0%, up river; Australia- average of APW; Kwinana, Newcastle, and Port Adelaide; Russia - Black Sea- milling; EU- France grade 1, Rouen; US- HRW 11.5% Gulf; Canada- CWRS (13.5%), Vancouver

MARKET FEATURES

Algeria Shifting Away from French Wheat

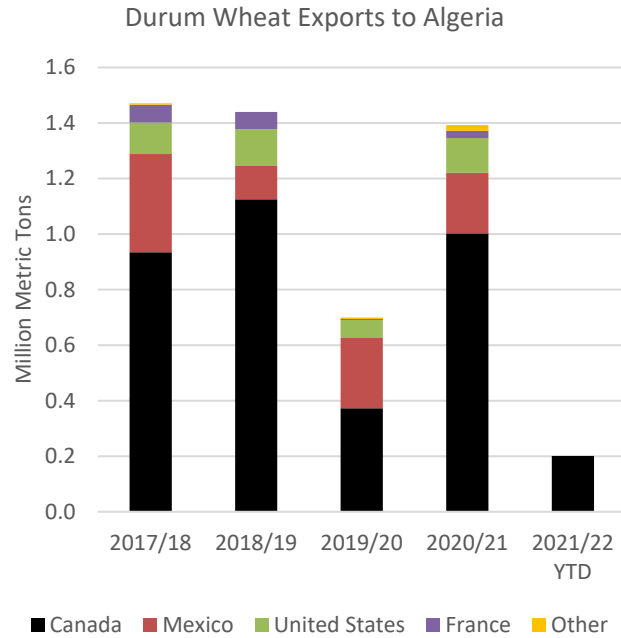
Algeria is the fifth-largest importer and its state buying entity OAIC regularly tenders for wheat, which serves as a useful indicator of global wheat prices. Despite tenders typically being open to optional origins, the country's imports have been overwhelmingly dependent on two major suppliers: France (milling wheat for bread) and Canada (durum wheat for couscous and pasta). As Algeria faces lower domestic production in MY 2021/22 (July-June), other exporters have been eyeing the market.

France supplies most of the country's milling wheat used to make bread, accounting for nearly two-thirds of Algeria's milling wheat imports over the past decade. Other EU suppliers such as Germany, Poland, and Baltic states also supply Algeria, albeit to a lesser extent. The characteristics of French wheat have generally been well suited to the Algerian specifications. This, combined with its proximity that enables prompt delivery and relatively lower freight costs, have historically ensured French dominance in this large market. U.S. and Argentina exports to Algeria have been sporadic and both have been residual suppliers. Over the past decade, Russia and Ukraine have emerged as major producers and exporters but have yet to secure sizeable exports to Algeria, despite their geographic proximity, based in part on the tender specifications and wheat quality characteristics.



But recent developments have threatened to squeeze France's dominance of the market. In 2020/21, Algeria shifted away from France and toward Germany as the dominant EU supplier. There were some issues with French wheat quality this year, so Germany has continued to seize the majority market share so far in 2021/22. In June, Russia sent its first shipment in a few years. The Russian Union of Grain Exporters claimed that exports to Algeria in the range of 1 million tons could be feasible this year. Later in August, the test weight criteria were updated, and Ukraine requested further adjustments to the tender specifications that would enable its wheat to qualify. Ukrainian wheat has yet to make significant inroads, lagging behind recent sales of Russian wheat. In November, Russian government officials announced that 250,000 tons had been sold to Algeria for shipment in December.

Meanwhile, Algeria faces a challenging situation with durum, which typically accounts for about 20 percent of its total wheat imports. While France has supplied some durum in the past, the market is dominated by North American exporters. Canada historically accounts for 60 percent of total Algeria durum imports. But this year Canada durum production is only 2.7 million tons, compared to 6.6 million tons last year. U.S. durum production is only 1.0 million tons, compared to 1.9 million tons last year. With decimated durum crops in both Canada and the United States, supplies are tight and prices high. In the first few months of this year, Algeria has purchased some from Canada but may increasingly turn to Mexico or reduce its durum imports overall.



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

Country	Attribute	Previous	Current	Change	Reason
Afghanistan	Imports	3,000	2,800	-200	Ongoing challenges with securing shipments
China	Imports	10,000	9,500	-500	Slowing pace of shipments with reduced purchases from France
Ethiopia	Imports	1,500	1,700	200	Smaller domestic crop
Indonesia	Imports	10,400	10,750	350	Stronger demand for food use as COVID-related restrictions ease and out-of-home consumption resumes
Iran	Imports	5,500	7,000	1,500	Continued shipments from Russia; further reductions to domestic crop
Korea, South	Imports	4,100	4,400	300	Larger wheat feed use
Nigeria	Imports	6,000	6,200	200	Increased FSI consumption
United States	Imports	3,200	3,000	-200	Limited purchases from Canada
Venezuela	Imports	900	1,100	200	Strong pace of trade with Turkey and United States; increased FSI consumption
Australia	Exports	24,500	26,000	1,500	Record exports amid second consecutive bumper crop
European Union	Exports	36,500	37,000	500	Larger crop and competitive pricing
India	Exports	5,250	5,500	250	Continued strong shipments to Asia and Africa
Ukraine	Exports	24,000	24,200	200	Strong first quarter shipments
United States	Exports	24,000	23,500	-500	Slow export pace of HRW and HRS

RICE

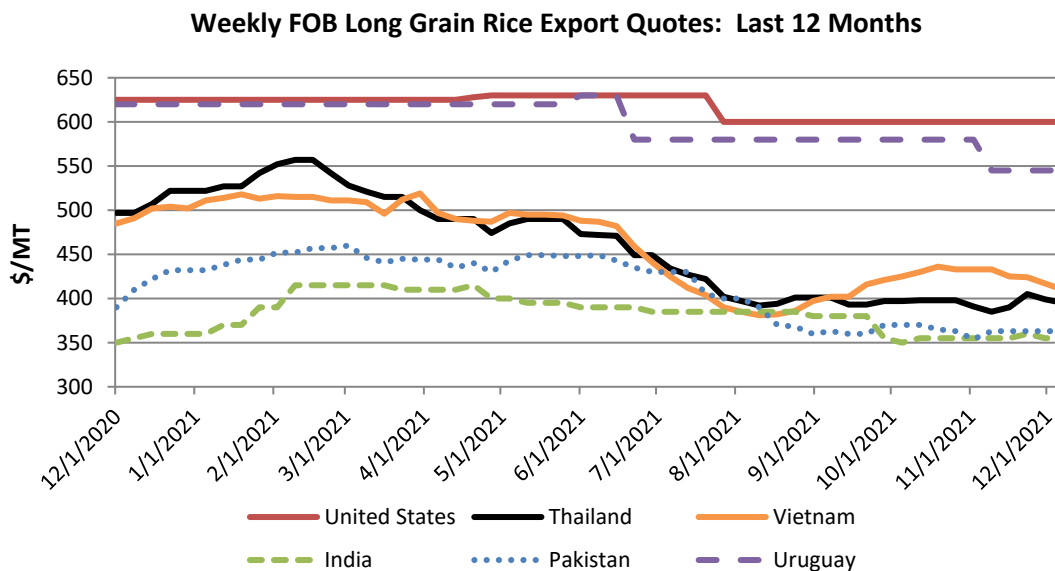
OVERVIEW FOR 2021/22

Global rice production is forecast lower this month, mostly on decreased area harvested in Bangladesh and Thailand. The global consumption forecast is up primarily for the Philippines, offsetting moderate decreases in Burma and the Middle East. Global stocks are forecast to decline, primarily on significant decreases in Bangladesh and Thailand. Global trade is up overall, with stronger exports from Burma and greater imports for the Philippines.

OVERVIEW FOR 2020/21

Global rice production is forecast slightly down due to declines in area harvested in Vietnam. The consumption forecast is projected lower, with declines in Burma and the Middle East. Global stocks are forecast down, driven by declines in Saudi Arabia, Egypt, Burma, and Thailand. Global trade is up overall, with stronger exports from India, Burma, and Thailand, and higher imports for the Philippines and Bangladesh.

RICE PRICES



Global: U.S. and Uruguayan prices have remained steady since the last WASDE with U.S. quotes at \$600/ton and Uruguayan quotes at \$545/ton. In Thailand, quotes jumped \$10 to \$395/ton, reflecting strong demand from key importers offset a further weakening Thai baht. Vietnamese prices declined \$23 to \$410/ton following the Philippines' suspension of issuing phytosanitary permits. Pakistani quotes remained steady at \$363/ton, while Indian prices remain very competitive at \$355/ton amid robust supplies and steady demand.

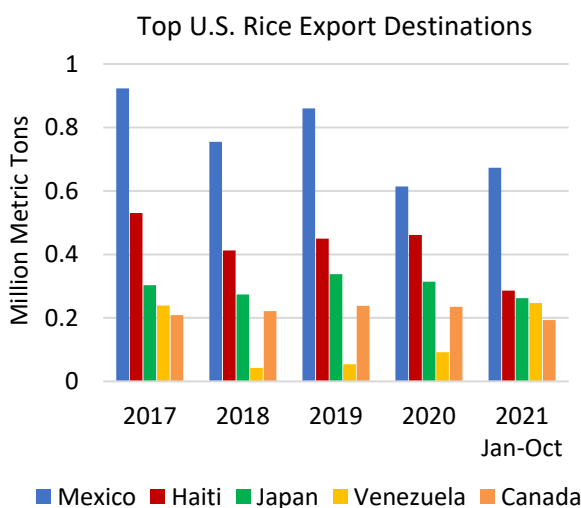
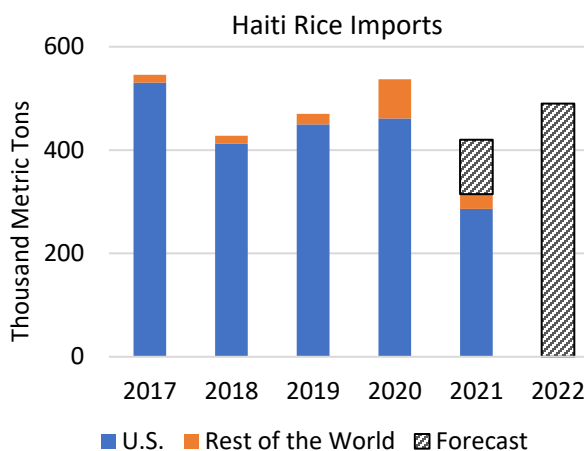
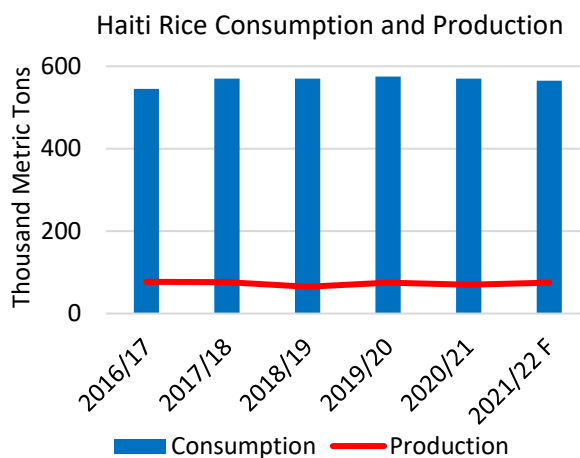
MARKET FEATURES

Weak Demand from Haiti Dampens U.S. Export Prospects for Milled Rice

Rice is a significant part of the Haitian diet, but Haiti is dependent on imported rice to supplement higher-priced domestic rice. In 2020, imported rice accounted for 85 percent of consumption in Haiti. However, imports are down so far this year and are expected to be the lowest in several years. This past year, Haiti has had significant political, security, and economic challenges, which in turn have affected rice trade. Exports to the country remain weak as exporters and the companies that provide insurance for shipments to Haiti weigh the risks of shipping there. Importers are only bringing in the bare minimum of what is needed, causing Haiti rice stocks to tighten and prices to surge.

The situation in Haiti has also had a significant impact on U.S. rice exports to Haiti, (Jan-Oct 2021) which are down 12 percent compared with the prior year. November U.S. exports were sluggish and outstanding sales are low compared with recent years according to *U.S. Export Sales*. Haiti is mostly supplied by U.S. rice and is the largest U.S. milled rice market. However, U.S. exports face increased competition from other suppliers such as Brazil, Uruguay, and Taiwan, particularly in 2020. In 2021, U.S. suppliers have regained more market share, but competitors continue to supply the market. Because Haiti is so significant as a trading partner, the lower total imports by Haiti and loss of market share there are two reasons that the U.S. milled rice exports to the world are forecast at the lowest level since 1973/74.

Looking ahead, Haiti rice imports are expected to rebound only slightly in 2022 which implies continued challenges for U.S. rice export recovery.

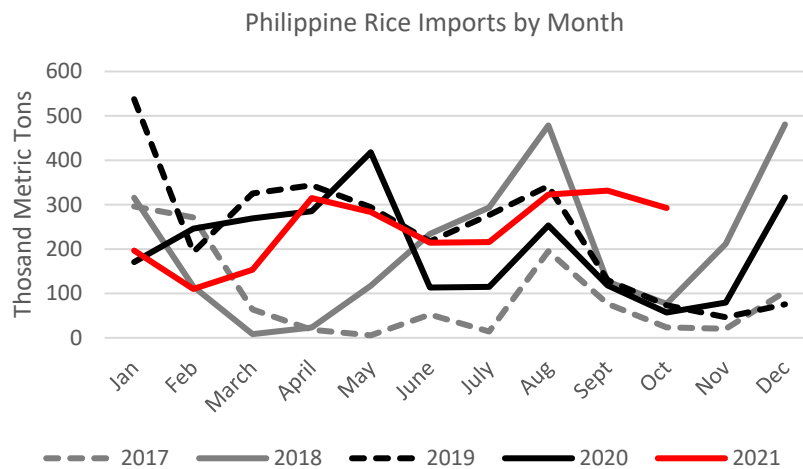


Unseasonably High Rice Imports for the Philippines Push Up 2021 Forecast

Since the Philippines shifted from a system of import quantitative restrictions to its rice tariffication law in February 2019, the government has had to balance the dual interests of both Philippine farmers and consumers and has used various policy tools to achieve this. While imports have increased since the implementation of the tariffication law, the government ensures that the tariffs are in part supporting efforts to enhance domestic production. Rice is a politically sensitive crop and a staple food in the Philippines, so the government is attentive in balancing its need for imports and boosting its domestic production, which makes up about 85 percent of its total rice consumption.

Philippine imports in 2021 are expected to rise to 2.6 million tons as the country remains the third-largest importer following China and Bangladesh. This year, a variety of factors explain why imports remain strong, especially in September and October. Pent-up demand and the overdue fulfillment of late shipments from top supplier Vietnam may partly explain higher imports in September and October.

Furthermore, the opening of the economy from previous COVID-19 restrictions boosts consumer demand. Also, tighter supplies from a smaller third-quarter crop (July-September) increases the need to supplement total supply with additional imports. The Philippines has multiple rice crops throughout the year and the government often uses import licenses as a way to manage imports in the run-up to its harvests. This is especially common before its main harvest beginning in mid-September, thus imports historically dip down then. This year, the Philippines government has been more liberal with its issuance of import licenses and issued more than twice the number of licenses and quantity contained within the licenses for import in July and August compared to the same period last year. It continued to issue import licenses through October. The Philippines is expected to continue to import rice in November and December, albeit at a much more muted pace. The Philippine government stated it anticipates a fourth-quarter bumper crop (October-December) and buyers have indicated the government is not approving additional licenses.



Source: Derived from exporter data in Trade Data Monitor, LLC

TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Philippines	Imports	2,200	2,400	200	Expectations of continued demand from Vietnam
Burma	Exports	1,800	1,900	100	Recent re-opening of border with China

TRADE CHANGES IN 2021 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	2,500	2,650	150	Trade-to-date and new tenders
Iran	Imports	950	850	-100	Sluggish pace with smaller-than-average purchases from India
Iraq	Imports	1,150	1,250	100	Continued strong imports from India and new purchases from Thailand
Madagascar	Imports	525	650	125	Strong import pace
Philippines	Imports	2,300	2,600	300	Strong pace of trade and large purchases from Vietnam
Saudi Arabia	Imports	1,500	1,300	-200	Slow recent pace of trade
Burma	Exports	1,650	1,800	150	Recent re-opening of border with China
India	Exports	20,000	20,200	200	Continued price competitiveness
Thailand	Exports	5,600	5,700	100	Increased exports to Iraq, West Africa, South Africa, and China

COARSE GRAINS

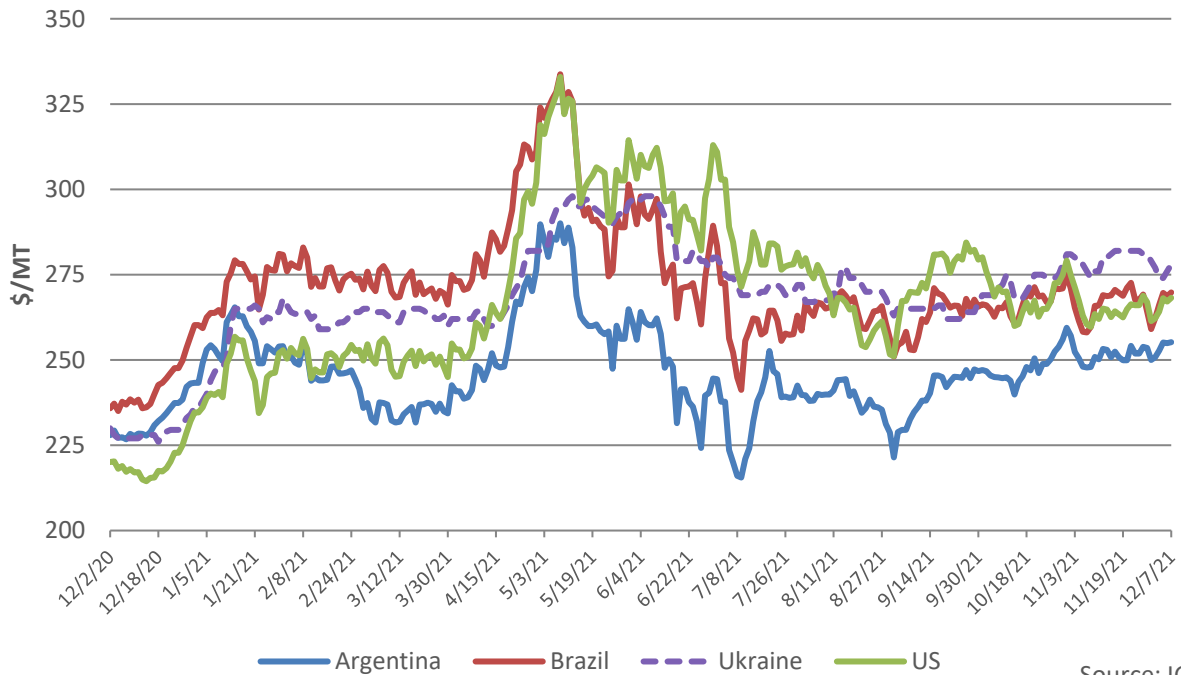
OVERVIEW FOR 2021/22

Global corn production is up with larger crops in the European Union and Ukraine more than offsetting a smaller crop in China. Global trade is higher than last month as the additional production in the European Union and Ukraine translates to more exports and as Brazil's volumes exceed expectations. Global imports are up on higher imports for Egypt, Iran, Saudi Arabia, and the United Kingdom. The U.S. season-average farm price is unchanged at \$5.45 per bushel.

CORN PRICES

Global: Since the November *WASDE*, major exporters' bids initially declined on fears over the spread of the Omicron variant of COVID-19; however, bids rebounded in early December in North and South America. Argentine bids are up \$7/ton to \$255 and Brazilian bids are up \$11/ton to \$270 on good late-season export demand. U.S. bids rose \$8/ton to \$268 as continued demand from domestic processors and reports of export sales of 1.0 million tons in the week ending November 25 underpinned price support. Ukrainian bids remained relatively unchanged, settling in at \$278, down \$2/ton.

Selected Export Bids, FOB

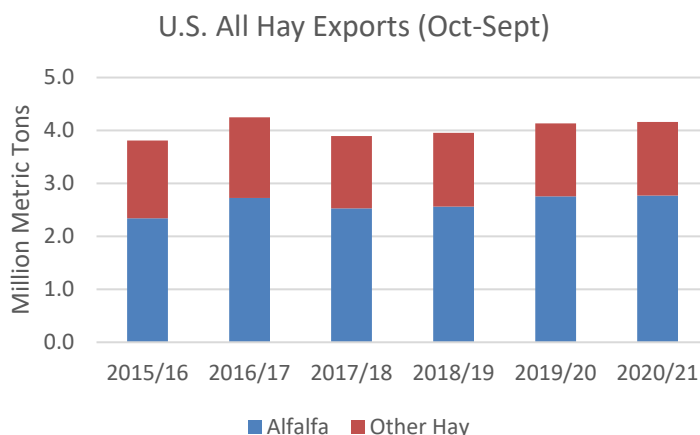


Source: IGC

MARKET FEATURES

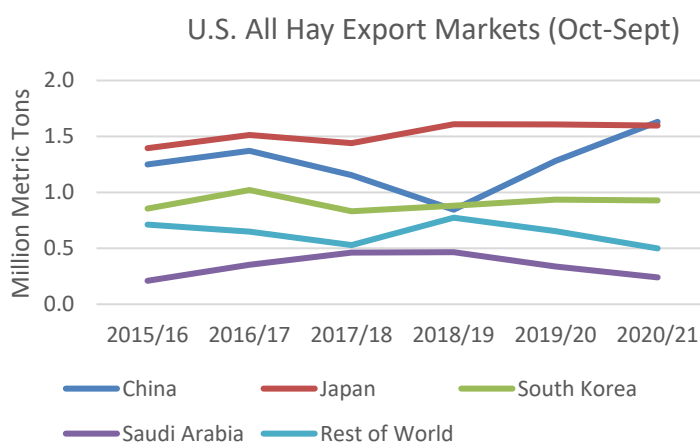
China's Demand Drives Another Strong Year for U.S. Alfalfa Hay Exports

For the second consecutive year and the third time in 5 years, total U.S. hay exports (HS Codes 1214900010/15) in 2020/21 (Oct-Sep) eclipsed 4 million tons. This was accomplished largely because of increased purchases from China after 2 years of weaker demand. Alfalfa hay exports to all trade partners in 2020/21 totaled a record 2.77 million metric tons.



In 2020/21, China imported a record volume of alfalfa hay from the United States. Driven by strong consumer demand for dairy products, China's dairy farming industry is experiencing rapid expansion and increasing herd size. Demand for forage products is rising as large, modern dairy farms use more high-quality forages such as alfalfa, timothy hay, and oat grass. China imposes a 7 percent tariff on U.S. alfalfa hay, which is in addition to the 25 percent retaliatory duties in response to Section 301 tariffs; however, importers are eligible to request exemptions through an online application. U.S. alfalfa exports were only slightly affected by additional tariffs due to customer preferences for high-quality alfalfa hay and sufficient supply. In total, China imported 1.5 million tons of alfalfa hay from the United States, eclipsing its previous high set in 2016/17 by 265,000 tons. The gains made in U.S. hay exports to China more than offset declines for the rest of the world.

Japan is the second-largest importer of U.S. hay, but imports were relatively flat year-over-year, down nearly 10,000 tons from 2019/20. Japan leads all export partners for non-alfalfa hay. Imports were 836,000 tons in 2020/21, 4 percent more than the previous year and the third year in a row of volume growth.



Saudi Arabia, the fourth-largest importer of U.S. alfalfa hay, had a year-over-year volume decline for the second year in a row. The country imported 235,000 tons of U.S. alfalfa in 2020/21, down 27 percent from 2019/20, and marks the smallest volume since 2016/17.

South Korea, the second-leading importer of non-alfalfa hay, finished the year with a total of 312,000 tons, which was down 9 percent compared to the previous year, and the country's fourth year in a row of declining grass hay imports from the United States.

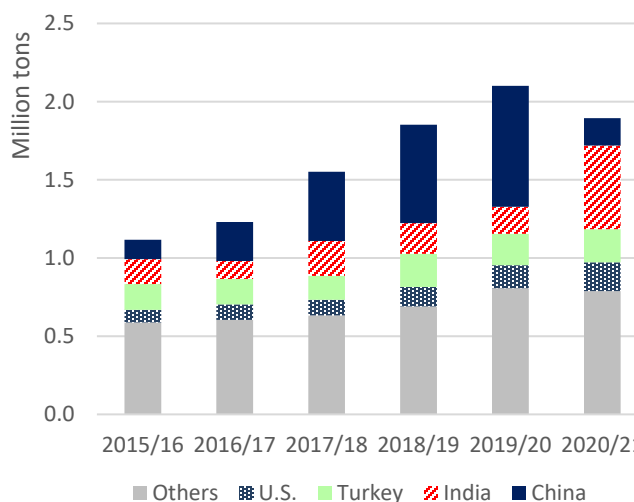
Global Corn Starch Exports

Starch (HS 110812) accounts for about 70 percent of a dry corn kernel. Extracted via the wet-milling process, corn starch is widely used in food manufacturing as well as in textiles, pharmaceuticals, cosmetics, biodegradable packaging, and other industrial goods. After years of continuous growth, global trade fell 10 percent in 2020/21. Exports from China were at the smallest volume since 2016/17, while India became the top exporter.

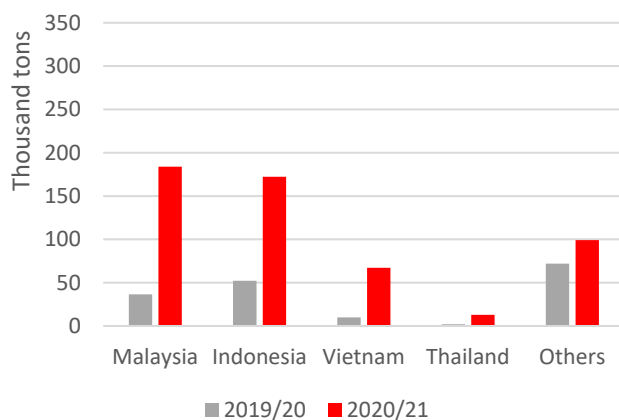
Since the removal of the support price for corn in China, wet milling (known as “deep-processing” in China) benefitted from ample milling capacity, large stocks of corn, support from central and provincial governments in the form of discounted corn supplies, and subsidies on transportation. Throughout 2020/21, however, the national average for domestic corn prices steadily rose¹. After setting a record at \$453 per ton in May 2021, prices have declined but remain above \$400 per ton. Strong prices for domestic corn likely pushed up costs and eroded returns for processors as most processing plants are not located to take advantage of cheaper imported corn.

For India, wet milling has been an important economic operation, supported by demand for corn starch primarily in textiles and pharmaceuticals. Moreover, record production of corn in 2020/21 combined with weak demand for feed from the poultry sector kept corn prices below the minimum support price of 18,500 rupees (\$247) per ton. The wet milling sector is relatively small in India. Nevertheless, it seemed that the sector took advantage of converging domestic and global market dynamics, supported by growing demand in Southeast Asian countries.

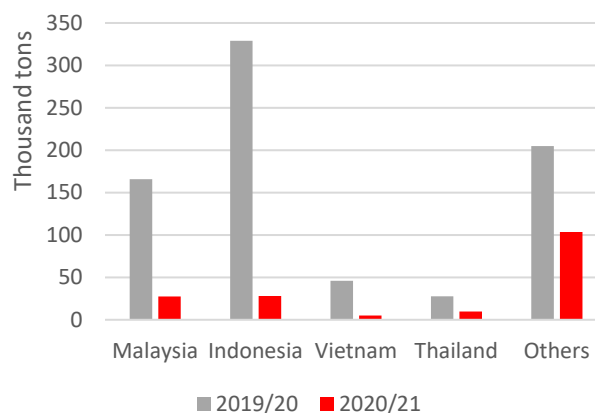
Global Exports of Corn Starch (Oct-Sep)



India Corn Starch Exports



China Corn Starch Exports



¹ <https://fpma.apps.fao.org/giews/food-prices/tool/public/#/dataset/domestic>

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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Australia	Barley	Exports	8,000	8,500	500	Larger crop
	Sorghum	Exports	700	1,000	300	
Brazil	Corn	Exports	29,000	30,000	1,000	Larger-than-expected volumes for November and December
Canada	Oats	Exports	1,100	1,300	200	Larger crop
China	Sorghum	Imports	10,000	10,300	300	Expectations of strong demand in the south as transportation costs remain high for moving grains from the north
Egypt	Corn	Imports	10,000	10,300	300	Expected stronger demand for feed
European Union	Corn	Exports	4,400	4,900	500	Larger crop
Iran	Corn	Imports	6,300	7,500	1,200	Larger exports by Brazil, the top supplier
Iraq	Corn	Imports	600	800	200	Carryover change
Israel	Corn	Imports	2,000	1,800	-200	Carryover change
Saudi Arabia	Corn	Imports	3,500	3,800	300	Competitive prices relative to other feed grains
Ukraine	Corn	Exports	31,500	32,500	1,000	Larger crop
United Kingdom	Corn	Imports	2,400	2,700	300	Larger exports for major suppliers

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

Country	Commodity	Attribute	Previous	Current	Change
European Union	Barley	Exports	8,350	8,557	207
Israel	Corn	Imports	1,850	1,500	-350
Libya	Barley	Imports	800	1,011	211
Morocco	Corn	Imports	2,700	2,474	-226
Russia	Barley	Exports	5,400	5,725	325

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](#) December 2021. 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>

Amy Gaito	(202) 772-4890	Amy.Gaito@usda.gov	Wheat
Rachel Trego	(202) 720-1073	Rachel.Trego@usda.gov	Wheat/Rice
Adolfo Escoto	(202) 235-7550	Adolfo.Escoto@usda.gov	Rice
Erica Summe	(202) 720-1061	Erica.Summe@usda.gov	Rice
Yoonhee Macke	(202) 690-4199	Yoonhee.Macke@usda.gov	Coarse Grains
Kevin Min	(202) 720-0626	Kevin.Min1@usda.gov	Coarse Grains
Jeffrey Dwyer	(202) 690-0755	Jeffrey.Dwyer2@usda.gov	Coarse Grains

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	6.2	346.0	358.4	382.6
Other		709.6	726.1	733.1	492.9	500.0	504.6	773.7	764.4	826.1
World Total		762.2	775.9	777.9	498.8	507.2	510.8	1,119.7	1,122.8	1,208.7
Domestic Consumption										
United States	(Jun-May)	30.4	30.5	31.7	4.6	4.8	4.7	309.5	306.5	313.2
Other		710.3	744.1	755.1	488.0	493.8	504.3	821.7	838.9	863.3
World Total		740.7	774.6	786.8	492.6	498.6	509.0	1,131.2	1,145.4	1,176.5
Ending Stocks										
United States	(Jun-May)	28.0	23.0	16.3	0.9	1.4	1.1	48.8	31.4	37.9
Other		268.0	266.6	261.9	180.9	185.5	185.7	257.5	261.3	267.6
World Total		296.0	289.6	278.2	181.8	186.9	186.8	306.3	292.7	305.5
TY Imports										
United States	(Jun-May)	2.8	2.7	3.0	1.2	1.1	1.1	1.0	0.6	0.7
Other		186.5	191.3	200.0	42.6	47.1	45.9	168.8	180.9	187.2
World Total		189.3	194.0	203.0	43.8	48.2	47.0	169.8	181.5	187.9
TY Exports										
United States	(Jun-May)	26.4	26.7	23.5	2.9	3.0	2.9	47.0	68.6	63.0
Other		168.5	171.3	183.4	42.3	46.8	45.9	128.7	114.8	129.7
World Total		194.9	198.0	206.9	45.2	49.8	48.8	175.7	183.4	192.7

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

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

	2017/18	2018/19	2019/20	2020/21	2021/22 Nov	2021/22 Dec
TY Exports						
Argentina	14,000	12,680	13,608	9,597	13,000	13,000
Australia	15,512	9,835	10,118	19,720	24,500	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	36,500	37,000
India	517	494	595	3,597	5,250	5,500
Kazakhstan	8,519	8,780	6,888	8,128	7,200	7,200
Russia	41,447	35,863	34,485	38,500	36,000	36,000
Turkey	6,725	6,676	6,633	6,571	6,250	6,250
Ukraine	17,775	16,019	21,016	16,851	24,000	24,200
Others	12,080	11,826	11,492	10,010	11,508	11,408
Subtotal	163,734	151,905	168,509	171,325	181,008	183,358
United States	23,230	26,202	26,390	26,702	24,000	23,500
World Total	186,964	178,107	194,899	198,027	205,008	206,858
TY Imports						
Afghanistan	3,300	3,700	3,000	3,000	3,000	2,800
Algeria	8,172	7,515	7,145	7,680	7,500	7,500
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	10,000	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	5,300	5,200
Indonesia	10,763	10,934	10,586	10,450	10,400	10,750
Iran	190	170	2,500	2,200	5,500	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	4,100	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	6,000	6,200
Pakistan	2	2	1	3,617	2,500	2,500
Philippines	6,059	7,570	7,065	6,113	6,400	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	3,650	3,800
Yemen	3,010	3,675	3,728	4,043	3,600	3,600
Others	57,753	53,746	58,080	58,468	60,119	60,369
Subtotal	178,532	170,763	186,417	191,326	197,919	199,969
Unaccounted	4,058	3,849	5,649	4,012	3,889	3,889
United States	4,374	3,495	2,833	2,689	3,200	3,000
World Total	186,964	178,107	194,899	198,027	205,008	206,858

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 Nov	2021/22 Dec
Production						
Argentina	18,500	19,500	19,780	17,645	20,000	20,000
Australia	20,941	17,598	14,480	33,300	31,500	34,000
Brazil	4,264	5,428	5,200	6,250	7,900	7,900
Canada	30,377	32,352	32,670	35,183	21,000	21,652
China	134,241	131,441	133,600	134,250	136,900	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	138,400	138,700
India	98,510	99,870	103,600	107,860	109,520	109,520
Iran	12,700	14,500	15,550	15,000	13,500	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	74,500	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	62,949	65,717	65,332
Subtotal	714,161	680,106	709,621	726,151	730,487	733,100
United States	47,380	51,306	52,581	49,751	44,790	44,790
World Total	761,541	731,412	762,202	775,902	775,277	777,890
Total Consumption						
Algeria	10,450	10,750	10,950	11,250	11,350	11,350
Brazil	12,000	12,100	12,100	12,050	12,600	12,600
China	121,000	125,000	126,000	150,000	149,000	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	107,500	107,900
India	95,677	95,629	95,403	102,217	104,500	104,250
Indonesia	10,600	10,600	10,300	10,100	10,100	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	41,000	41,750
Turkey	18,300	18,800	20,000	20,600	21,500	21,500
Ukraine	9,800	8,800	8,300	8,700	9,200	9,000
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	181,911	184,627	185,507	186,542
Subtotal	713,121	705,326	716,494	751,773	755,771	757,698
United States	29,245	29,986	30,436	30,473	31,652	31,652
World Total	742,366	735,312	746,930	782,246	787,423	789,350
Ending Stocks						
Algeria	4,529	5,219	5,358	5,685	5,425	5,425
Canada	6,732	6,041	5,499	5,688	4,488	5,140
China	129,508	138,088	150,015	144,120	141,020	141,166
European Union	17,897	15,798	13,110	10,929	9,735	9,929
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	11,982	9,982	10,232
Others	64,033	56,474	57,303	56,096	56,656	57,382
Subtotal	254,705	251,326	267,999	266,636	259,937	261,905
United States	29,907	29,386	27,985	23,004	15,867	16,275
World Total	284,612	280,712	295,984	289,640	275,804	278,180

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Nov 2021/22	Dec 2021/22
TY Imports						
North America	10,070	8,834	8,588	7,960	9,000	8,800
Central America	1,910	1,928	2,074	2,147	2,180	2,180
South America	15,320	14,955	15,537	15,246	15,019	15,219
European Union	6,060	5,763	5,551	5,379	5,300	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	9,213	9,110	9,060
Middle East	25,411	24,550	30,908	26,416	34,480	35,880
North Africa	27,441	26,956	27,991	28,246	28,300	28,300
Sub-Saharan Africa	25,311	22,572	26,953	26,626	26,910	27,310
East Asia	16,533	15,011	17,270	22,206	22,200	22,000
South Asia	12,137	10,059	11,305	15,799	14,960	14,760
Southeast Asia	27,255	27,757	27,561	26,505	26,400	27,000
Others	3,476	3,367	3,949	3,473	3,505	3,505
Total	182,906	174,258	189,250	194,015	201,119	202,969
Production						
North America	81,251	86,658	88,521	87,899	68,990	69,642
South America	25,875	28,761	28,600	27,699	31,986	31,971
European Union	136,681	123,124	138,799	126,930	138,400	138,700
Other Europe	18,812	18,129	19,891	14,169	19,340	19,340
Former Soviet Union - 12	142,356	124,021	129,806	139,506	133,075	133,985
Middle East	40,285	38,879	43,246	43,177	38,042	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	9,154	8,874
East Asia	135,552	132,834	135,199	135,744	138,499	138,545
South Asia	132,595	131,655	136,335	141,207	144,151	144,151
Oceania	21,346	17,969	14,878	33,754	31,950	34,450
Others	136	96	101	101	100	100
Total	761,541	731,412	762,202	775,902	775,277	777,890
Domestic Consumption						
North America	45,974	46,631	47,099	46,806	46,952	46,952
South America	28,948	28,895	29,635	29,895	30,530	30,705
European Union	113,500	106,300	107,250	104,750	107,500	107,900
Other Europe	21,418	20,697	20,476	18,780	20,715	20,715
Former Soviet Union - 12	81,395	77,135	75,975	79,010	77,670	78,130
Middle East	59,505	59,939	63,000	64,342	66,125	66,125
North Africa	45,225	46,100	46,250	46,820	47,800	47,800
Sub-Saharan Africa	31,887	30,321	33,076	34,533	35,085	35,035
East Asia	134,285	137,750	138,638	162,468	161,896	161,696
South Asia	138,550	138,996	139,878	148,135	151,876	151,526
Southeast Asia	26,395	26,165	26,355	25,830	25,695	26,295
Oceania	9,905	10,610	9,410	9,435	9,455	9,955
Others	3,821	3,614	3,704	3,818	4,010	4,010
Total	740,808	733,153	740,746	774,622	785,309	786,844
Ending Stocks						
North America	37,407	36,030	33,869	28,954	20,717	21,777
South America	4,010	4,673	5,240	4,968	5,767	5,639
European Union	17,897	15,798	13,110	10,929	9,735	9,929
Other Europe	3,085	3,225	3,855	2,517	3,067	3,067
Former Soviet Union - 12	21,055	14,774	13,420	19,196	15,781	15,961
Middle East	17,955	13,893	16,998	15,173	14,607	14,507
North Africa	14,871	15,537	14,357	11,835	12,920	12,920
Sub-Saharan Africa	3,391	2,925	4,114	4,293	4,061	4,231
East Asia	132,655	141,028	153,011	146,913	143,896	144,042
South Asia	21,313	21,466	28,203	33,903	35,408	35,308
Southeast Asia	5,679	6,186	6,240	5,729	5,274	5,274
Oceania	4,897	4,769	3,029	4,640	3,916	4,870
Others	397	408	538	590	655	655
Total	284,612	280,712	295,984	289,640	275,804	278,180

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 Nov	2021/22 Dec
TY Exports						
Argentina	375	388	335	360	350	350
Australia	262	134	42	60	260	270
Brazil	1,245	954	1,240	800	1,050	1,050
Burma	2,750	2,700	2,300	1,800	1,800	1,900
Cambodia	1,300	1,350	1,350	1,700	1,400	1,400
China	2,059	2,720	2,265	2,300	2,100	2,100
European Union	570	527	506	450	475	440
Guyana	414	496	520	470	470	470
India	11,791	9,813	14,577	20,200	18,000	18,000
Pakistan	3,913	4,550	3,934	3,900	4,000	4,000
Paraguay	653	689	803	620	700	700
Thailand	11,213	7,562	5,706	5,700	6,500	6,500
Turkey	213	202	234	215	220	220
Uruguay	802	809	967	760	850	850
Vietnam	6,590	6,581	6,167	6,200	6,400	6,400
Others	1,371	1,308	1,425	1,301	1,274	1,304
Subtotal	45,521	40,783	42,371	46,836	45,849	45,954
United States	2,776	3,142	2,858	2,950	2,850	2,850
World Total	48,297	43,925	45,229	49,786	48,699	48,804
TY Imports						
Bangladesh	1,400	80	20	2,650	600	600
Brazil	537	691	853	700	650	650
China	4,500	2,800	3,200	4,500	4,500	4,500
Cote d'Ivoire	1,500	1,350	1,100	1,250	1,300	1,300
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	750	750	750
Iran	1,250	1,400	1,125	850	1,250	1,200
Iraq	1,237	1,263	970	1,250	1,200	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	750	800	800
Mozambique	530	635	655	625	675	675
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	2,600	2,200	2,400
Saudi Arabia	1,290	1,425	1,613	1,300	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	15,888	16,255	15,738	15,743
Subtotal	45,351	41,372	42,551	47,065	45,723	45,928
Unaccounted	2,030	1,571	1,468	1,596	1,826	1,776
United States	916	982	1,210	1,125	1,150	1,100
World Total	48,297	43,925	45,229	49,786	48,699	48,804

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 Nov	2021/22 Dec
Milled Production						
Bangladesh	32,650	34,909	35,850	34,600	36,250	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	149,000	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	35,350
Japan	7,787	7,657	7,611	7,573	7,560	7,560
Korea, South	3,972	3,868	3,744	3,507	3,816	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	19,500	19,300
Vietnam	27,657	27,344	27,100	27,344	27,100	27,100
Others	43,511	44,116	46,635	46,651	46,266	46,216
Subtotal	489,331	490,694	492,964	499,978	505,566	504,622
United States	5,659	7,107	5,877	7,226	6,154	6,154
World Total	494,990	497,801	498,841	507,204	511,720	510,776
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	7,450
Burma	10,200	10,250	10,400	10,550	10,700	10,650
Cambodia	4,200	4,300	4,350	4,400	4,500	4,500
China	142,509	142,920	145,230	150,578	154,900	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	14,550	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	21,350
Others	67,297	69,227	71,160	71,926	73,679	73,464
Subtotal	477,379	480,324	489,121	497,194	506,582	506,227
United States	4,299	4,577	4,586	4,849	4,683	4,684
World Total	481,678	484,901	493,707	502,043	511,265	510,911
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	38,500
Indonesia	5,563	4,063	3,313	3,410	3,761	3,760
Pakistan	1,431	948	1,149	1,763	2,095	2,068
Philippines	2,288	3,520	3,597	3,763	3,713	3,713
Thailand	2,852	4,080	3,979	4,642	4,942	4,642
Vietnam	1,034	1,097	1,180	2,524	2,418	2,374
Others	18,038	17,007	17,245	16,945	18,401	17,647
Subtotal	162,806	175,215	180,863	185,547	186,830	185,704
United States	933	1,424	910	1,387	1,111	1,095
World Total	163,739	176,639	181,773	186,934	187,941	186,799

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	Nov 2021/22	Dec 2021/22
TY Imports						
North America	2,075	2,143	2,530	2,305	2,395	2,345
Caribbean	1,067	1,076	1,211	1,030	1,165	1,130
South America	1,947	1,939	2,222	1,766	1,747	1,767
Other Europe	647	707	777	760	775	775
Former Soviet Union - 12	555	550	516	545	509	509
Middle East	6,655	7,208	6,957	6,230	7,105	7,105
North Africa	591	1,022	579	655	1,105	1,105
Sub-Saharan Africa	14,589	13,837	14,346	15,130	15,665	15,665
East Asia	6,141	4,404	4,805	6,190	6,195	6,185
South Asia	2,644	951	1,350	4,267	2,295	2,325
Southeast Asia	6,795	5,815	5,399	6,622	5,057	5,257
European Union	1,633	1,799	1,994	1,800	1,925	1,925
Total	46,267	42,354	43,761	48,190	46,873	47,028
Production						
North America	5,842	7,295	6,052	7,425	6,378	6,378
Caribbean	932	1,010	927	904	916	916
South America	16,945	16,037	16,287	16,958	17,035	16,926
European Union	2,030	1,965	1,990	1,951	1,894	1,854
Former Soviet Union - 12	1,236	1,283	1,349	1,386	1,295	1,320
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	20,836
East Asia	163,420	162,732	161,159	162,004	162,961	163,017
South Asia	158,759	165,688	169,414	172,483	176,958	176,208
Southeast Asia	120,044	116,064	113,198	116,007	116,501	116,301
Total	494,990	497,801	498,841	507,204	511,720	510,776
Domestic Consumption						
North America	5,577	5,912	5,981	6,224	6,083	6,084
Central America	1,342	1,358	1,400	1,351	1,395	1,390
Caribbean	1,984	2,111	1,991	1,991	2,046	2,021
South America	15,045	14,885	14,844	15,056	15,190	15,140
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	1,606	1,601
Middle East	9,018	9,207	9,426	9,160	9,440	9,290
North Africa	4,620	4,591	4,604	4,695	4,600	4,600
Sub-Saharan Africa	31,759	33,607	34,271	35,068	36,033	36,033
East Asia	159,061	158,933	161,013	165,866	170,110	170,090
South Asia	144,670	145,523	149,294	148,534	153,010	153,040
Southeast Asia	102,274	102,952	103,718	104,491	104,871	105,121
Total	481,171	484,932	492,632	498,604	508,962	508,988
Ending Stocks						
North America	1,084	1,578	1,085	1,586	1,354	1,338
Central America	299	309	317	234	279	291
Caribbean	275	303	327	316	354	326
South America	2,168	1,869	1,509	2,056	2,060	1,984
European Union	1,176	1,189	1,260	1,157	1,058	1,056
Middle East	1,004	1,183	1,732	1,477	1,738	1,663
North Africa	1,563	949	1,232	1,162	822	707
Sub-Saharan Africa	3,192	2,991	2,408	2,105	2,203	2,203
East Asia	113,196	118,766	120,224	119,995	116,666	116,732
South Asia	25,847	32,420	37,357	40,219	44,030	43,553
Southeast Asia	13,557	14,880	14,112	16,317	16,984	16,504
Oceania	232	52	15	95	201	245
Total	163,739	176,639	181,773	186,934	187,941	186,799

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 Nov	2021/22 Dec
TY Exports						
Argentina	27,208	36,134	42,943	40,977	46,605	46,602
Australia	7,156	4,049	3,632	9,701	9,375	10,175
Brazil	25,121	38,812	34,141	27,504	29,025	30,025
Canada	5,753	5,805	5,278	7,190	3,850	3,950
European Union	8,885	10,412	13,492	12,532	12,045	12,555
India	1,200	537	1,158	3,732	2,560	2,560
Paraguay	1,485	2,568	2,089	2,564	2,710	2,710
Russia	11,379	7,402	9,292	9,936	9,150	9,150
South Africa	2,368	1,190	2,465	2,756	3,210	3,210
Ukraine	21,438	34,874	34,088	29,049	37,625	38,645
Others	11,389	13,473	13,450	12,009	10,968	10,938
Subtotal	123,382	155,256	162,028	157,950	167,123	170,520
United States	68,633	51,838	52,589	76,014	71,510	71,510
World Total	192,015	207,094	214,617	233,964	238,633	242,030
TY Imports						
Algeria	4,492	5,284	5,672	4,996	5,510	5,510
Bangladesh	1,145	1,385	2,010	2,560	2,510	2,510
Brazil	1,527	1,797	1,987	2,679	3,200	3,200
Canada	1,837	2,570	1,972	1,869	3,112	3,112
Chile	1,976	2,431	2,838	2,557	2,840	2,840
China	16,425	10,540	17,480	50,531	46,400	46,700
Colombia	5,582	6,390	6,285	6,132	6,480	6,480
Egypt	9,541	9,568	10,444	9,490	10,020	10,320
European Union	19,311	26,290	18,675	15,817	16,385	16,400
Guatemala	1,091	1,224	1,527	1,400	1,700	1,700
Iran	11,600	12,200	9,100	9,700	8,500	9,800
Israel	2,145	1,896	2,397	2,010	2,410	2,210
Japan	17,563	17,726	17,633	16,979	17,240	17,240
Jordan	1,422	1,666	1,506	1,429	1,800	1,800
Korea, South	10,192	10,964	11,978	11,810	11,610	11,610
Malaysia	3,668	3,690	3,806	3,726	3,925	3,925
Mexico	16,396	17,415	17,576	17,311	17,550	17,600
Morocco	2,647	3,028	4,052	2,962	3,107	3,107
Peru	3,462	3,875	4,090	3,975	4,180	4,180
Saudi Arabia	11,692	9,368	11,825	9,227	10,010	10,310
Taiwan	4,513	4,610	4,660	4,580	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	5,100	5,130
United Kingdom	2,631	3,087	2,674	3,016	2,526	2,827
Vietnam	9,577	11,033	12,198	11,947	12,300	12,300
Others	22,351	23,224	24,714	24,729	24,372	24,940
Subtotal	187,817	196,711	203,397	227,749	230,372	233,336
Unaccounted	1,272	7,758	8,228	3,685	6,110	6,343
United States	2,926	2,625	2,992	2,530	2,151	2,351
World Total	192,015	207,094	214,617	233,964	238,633	242,030

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 Nov	2021/22 Dec
Production						
Argentina	39,320	59,223	58,125	58,967	63,876	63,876
Australia	12,191	11,507	12,001	16,697	15,702	16,947
Brazil	85,058	104,334	105,815	90,962	122,023	122,023
Canada	26,243	26,203	28,611	29,644	23,950	24,214
China	265,719	263,942	268,179	268,020	280,400	279,952
Ethiopia	18,643	17,929	18,406	18,616	17,650	17,650
European Union	143,907	140,675	152,656	155,068	155,300	155,200
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	33,750
Nigeria	18,859	19,840	19,665	18,570	20,400	20,400
Russia	41,715	34,998	40,495	41,396	38,400	38,400
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	49,585	51,585
Others	174,726	186,245	183,827	193,200	191,268	190,968
Subtotal	978,309	1,023,749	1,056,898	1,059,916	1,101,058	1,103,719
United States	384,387	377,905	359,434	372,887	397,948	397,948
World Total	1,362,696	1,401,654	1,416,332	1,432,803	1,499,006	1,501,667
Domestic Consumption						
Argentina	17,513	18,091	17,775	17,462	18,121	18,121
Brazil	67,181	70,983	72,844	76,455	77,526	77,526
Canada	23,126	24,114	24,930	24,693	24,330	24,498
China	282,598	287,012	295,070	312,300	322,600	322,900
Egypt	16,779	17,136	17,964	17,265	17,278	17,578
Ethiopia	18,556	18,161	18,451	18,878	17,875	17,925
European Union	152,900	158,474	158,788	159,578	159,001	159,001
India	44,769	44,571	45,775	47,450	46,470	46,470
Iran	15,820	16,520	14,620	14,620	13,320	14,120
Japan	17,642	17,953	17,867	17,200	17,771	17,771
Mexico	48,410	50,505	50,310	49,835	50,340	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	29,950
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	286,624	297,593	299,712	301,207
Subtotal	1,052,399	1,099,869	1,110,566	1,131,670	1,168,893	1,171,358
United States	324,417	322,984	320,728	315,649	321,670	321,860
World Total	1,376,816	1,422,853	1,431,294	1,447,319	1,490,563	1,493,218
Ending Stocks						
Argentina	3,366	3,622	4,679	2,800	3,641	3,758
Brazil	9,707	5,671	5,723	5,719	9,390	9,391
Canada	4,563	3,288	3,983	3,609	2,502	2,487
China	222,994	210,396	200,944	207,187	211,337	210,889
European Union	16,235	14,507	14,148	14,087	14,060	14,171
Mexico	6,181	5,784	4,138	3,604	3,752	3,963
South Africa	2,909	1,346	2,439	3,376	3,756	3,756
Others	48,989	46,579	48,818	47,740	40,746	41,616
Subtotal	314,944	291,193	284,872	288,122	289,184	290,031
United States	57,919	60,471	51,830	34,064	40,555	40,604
World Total	372,863	351,664	336,702	322,186	329,739	330,635

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Nov 2021/22	Dec 2021/22
TY Imports						
North America	21,159	22,610	22,540	21,710	22,813	23,063
Central America	4,001	4,352	4,904	4,835	5,300	5,300
Caribbean	2,446	2,379	2,275	2,396	2,623	2,623
South America	14,810	15,686	16,990	16,962	18,430	18,452
European Union	19,311	26,290	18,675	15,817	16,385	16,400
Former Soviet Union - 12	701	1,025	1,134	785	1,029	984
Middle East	35,950	34,061	34,003	31,710	32,911	34,621
North Africa	19,245	20,875	23,565	20,984	21,737	22,187
Sub-Saharan Africa	3,287	3,494	3,857	3,587	3,148	3,278
East Asia	48,740	43,903	51,810	83,950	79,885	80,185
Southeast Asia	15,552	17,874	19,960	20,149	21,065	21,065
Others	5,541	6,787	6,676	7,394	7,197	7,529
Total	190,743	199,336	206,389	230,279	232,523	235,687
Production						
North America	443,821	437,578	420,140	435,193	455,648	455,912
South America	139,324	179,181	178,560	163,821	201,391	201,391
European Union	143,907	140,675	152,656	155,068	155,300	155,200
Other Europe	15,514	18,627	20,759	21,692	18,493	18,493
Former Soviet Union - 12	88,881	93,534	101,501	95,180	100,986	103,086
Middle East	19,357	19,435	24,127	25,295	19,585	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	131,447
East Asia	268,365	267,282	271,316	270,746	283,247	282,799
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	16,313	17,558
Others	4,997	4,613	4,641	4,566	4,630	4,630
Total	1,362,696	1,401,654	1,416,332	1,432,803	1,499,006	1,501,667
Domestic Consumption						
North America	395,953	397,603	395,968	390,177	396,340	396,748
South America	110,739	115,543	117,723	120,676	123,479	123,479
European Union	152,900	158,474	158,788	159,578	159,001	159,001
Other Europe	17,285	18,156	18,590	20,785	18,682	19,103
Former Soviet Union - 12	54,607	51,017	56,318	56,857	54,458	54,757
Middle East	54,733	54,897	56,220	55,898	54,727	55,657
North Africa	31,665	32,563	35,509	33,176	34,235	34,685
Sub-Saharan Africa	120,282	125,355	122,393	127,878	129,293	129,393
East Asia	317,259	323,594	332,368	348,679	359,564	359,864
South Asia	60,446	60,954	63,054	67,282	66,981	66,981
Southeast Asia	47,320	48,199	48,301	53,359	53,363	53,363
Oceania	6,482	8,138	8,428	7,920	8,091	8,536
Others	11,483	11,526	11,884	11,906	12,321	12,321
Total	1,381,154	1,406,019	1,425,544	1,454,171	1,470,535	1,473,888
Ending Stocks						
North America	68,663	69,543	59,951	41,277	46,809	47,054
South America	16,767	12,877	13,740	11,228	15,559	15,698
European Union	16,235	14,507	14,148	14,087	14,060	14,171
Other Europe	2,359	2,827	3,005	2,925	2,379	2,461
Former Soviet Union - 12	5,943	4,973	6,382	5,506	4,702	5,261
Middle East	7,199	5,566	6,520	6,304	4,833	5,213
North Africa	3,324	3,777	3,846	2,996	3,291	3,162
Sub-Saharan Africa	12,825	11,016	10,162	11,685	12,396	12,374
East Asia	227,462	214,978	205,695	211,704	215,222	214,774
South Asia	5,142	3,774	5,045	5,449	4,435	4,435
Southeast Asia	3,241	4,146	4,271	5,728	3,591	3,513
Oceania	2,391	2,516	2,978	2,434	1,376	1,439
Others	1,312	1,164	959	863	1,086	1,080
Total	372,863	351,664	336,702	322,186	329,739	330,635

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 Nov	2021/22 Dec
TY Exports						
Argentina	24,198	32,879	39,917	36,544	40,500	40,500
Brazil	25,116	38,773	34,137	27,492	29,000	30,000
Burma	1,350	1,500	2,209	1,850	1,800	1,800
European Union	2,732	4,273	5,388	3,716	4,400	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	2,700
Russia	5,532	2,770	4,072	4,000	4,500	4,500
Serbia	819	2,836	3,123	3,148	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	31,500	32,500
Others	8,018	6,764	5,299	5,246	5,251	5,141
Subtotal	90,714	124,340	128,736	114,851	127,351	129,741
United States	63,657	49,297	46,992	68,558	63,000	63,000
World Total	154,371	173,637	175,728	183,409	190,351	192,741
TY Imports						
Algeria	4,046	4,816	5,156	4,186	4,800	4,800
Bangladesh	1,145	1,358	2,003	2,550	2,500	2,500
Brazil	943	1,189	1,338	2,281	2,700	2,700
Canada	1,767	2,521	1,867	1,548	3,000	3,000
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	1,436	1,400	1,400
Egypt	9,464	9,367	10,432	9,470	10,000	10,300
European Union	17,667	23,583	17,384	14,490	15,000	15,000
Guatemala	1,091	1,224	1,527	1,400	1,700	1,700
Iran	8,900	9,000	6,800	7,000	6,300	7,500
Israel	1,861	1,611	1,992	1,500	2,000	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	11,500
Malaysia	3,645	3,674	3,777	3,700	3,900	3,900
Mexico	16,129	16,658	16,526	16,498	17,000	17,000
Morocco	2,283	2,728	2,963	2,474	2,800	2,800
Peru	3,377	3,726	3,938	3,800	4,000	4,000
Saudi Arabia	3,983	3,662	4,517	3,017	3,500	3,800
Taiwan	4,410	4,508	4,580	4,500	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	2,850	2,400	2,700
Vietnam	9,400	10,900	12,000	11,200	11,500	11,500
Others	17,374	17,569	19,456	18,468	19,156	19,391
Subtotal	151,630	167,177	168,821	180,841	185,156	187,291
Unaccounted	1,903	5,660	5,948	1,939	4,545	4,800
United States	838	800	959	629	650	650
World Total	154,371	173,637	175,728	183,409	190,351	192,741

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 Nov	2021/22 Dec
Production						
Argentina	32,000	51,000	51,000	50,500	54,500	54,500
Brazil	82,000	101,000	102,000	87,000	118,000	118,000
Canada	14,096	13,885	13,404	13,563	14,000	13,984
China	259,071	257,174	260,779	260,670	273,000	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	67,850	70,350
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	28,000
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	38,000	40,000
Others	107,944	114,007	110,487	117,097	118,681	118,756
Subtotal	710,564	763,401	773,744	764,356	822,031	826,142
United States	371,096	364,262	345,962	358,447	382,592	382,592
World Total	1,081,660	1,127,663	1,119,706	1,122,803	1,204,623	1,208,734
Total Consumption						
Argentina	12,400	13,800	13,500	14,000	14,500	14,500
Brazil	63,500	67,000	68,500	72,000	73,000	73,000
Canada	13,909	15,088	13,958	14,012	16,200	16,200
China	263,000	274,000	278,000	285,000	294,000	294,000
Egypt	15,900	16,200	16,900	16,400	16,400	16,700
European Union	75,200	85,000	79,000	77,600	78,000	80,300
India	26,700	28,500	27,200	27,750	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	11,800	11,800	11,800
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	192,661	198,572	201,525	203,375
Subtotal	778,182	836,309	826,243	829,911	878,878	882,683
United States	313,991	310,391	309,547	306,492	313,196	313,196
World Total	1,092,173	1,146,700	1,135,790	1,136,403	1,192,074	1,195,879
Ending Stocks						
Argentina	2,407	2,367	3,619	1,624	2,629	2,629
Brazil	9,315	5,311	5,230	5,230	8,930	8,930
Canada	2,417	1,979	2,560	2,169	1,980	1,953
China	222,541	210,179	200,526	205,704	210,684	210,236
European Union	8,983	7,644	7,382	7,648	7,335	7,798
Mexico	5,649	5,160	3,515	3,079	3,059	3,279
South Africa	2,672	1,020	2,117	2,827	3,327	3,327
Others	33,058	32,302	32,582	32,999	28,537	29,455
Subtotal	287,042	265,962	257,531	261,280	266,481	267,607
United States	54,367	56,410	48,757	31,408	37,936	37,936
World Total	341,409	322,372	306,288	292,688	304,417	305,543

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Nov 2021/22	Dec 2021/22
TY Imports						
North America	18,734	19,979	19,352	18,675	20,650	20,650
Central America	4,001	4,352	4,904	4,835	5,300	5,300
South America	13,542	14,349	15,688	15,756	17,160	17,175
European Union	17,667	23,583	17,384	14,490	15,000	15,000
Former Soviet Union - 12	440	588	564	325	655	605
Middle East	22,130	22,038	21,005	17,942	19,510	21,010
North Africa	17,246	18,531	20,306	17,730	19,300	19,600
Sub-Saharan Africa	2,480	2,793	3,110	2,924	2,340	2,380
East Asia	33,599	35,960	39,989	61,255	57,650	57,650
Southeast Asia	15,183	17,483	19,007	18,303	19,015	19,015
Caribbean	2,446	2,377	2,275	2,393	2,620	2,620
Others	5,000	5,944	6,196	6,842	6,606	6,936
Total	152,468	167,977	169,780	181,470	185,806	187,941
Production						
North America	412,761	405,818	386,024	399,356	424,592	424,576
South America	126,174	164,763	164,713	148,124	184,635	184,635
European Union	62,021	64,351	66,742	67,092	67,850	70,350
Other Europe	5,397	9,411	9,455	10,276	7,880	7,880
Former Soviet Union - 12	42,257	53,119	56,099	49,452	59,105	61,235
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	84,797
East Asia	261,417	260,184	263,488	263,026	275,460	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	1,395	1,340
Total	1,081,660	1,127,663	1,119,706	1,122,803	1,204,623	1,208,734
Domestic Consumption						
North America	370,400	369,579	367,305	364,304	373,596	373,596
South America	98,398	103,926	105,602	109,023	111,470	111,470
European Union	75,200	85,000	79,000	77,600	78,000	80,300
Other Europe	8,002	9,433	9,286	10,208	9,230	9,505
Former Soviet Union - 12	19,202	20,312	21,985	22,645	23,180	23,610
Middle East	27,919	28,778	28,114	26,655	28,285	29,435
North Africa	24,400	24,600	27,190	25,750	25,800	26,100
Sub-Saharan Africa	77,131	77,690	77,240	80,142	82,010	82,060
East Asia	295,227	308,273	313,004	319,250	328,700	328,700
South Asia	41,206	43,799	43,314	46,400	47,960	47,960
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	3,822	4,105	4,050
Total	1,095,493	1,130,746	1,131,211	1,145,426	1,172,021	1,176,471
Ending Stocks						
North America	62,433	63,549	54,832	36,656	42,975	43,168
South America	15,045	10,836	11,735	9,075	13,630	13,650
European Union	8,983	7,644	7,382	7,648	7,335	7,798
Other Europe	919	1,433	1,318	1,546	901	1,081
Former Soviet Union - 12	2,582	2,200	3,260	2,317	2,198	2,797
Middle East	3,213	2,919	3,196	3,124	2,558	2,908
North Africa	2,462	2,473	2,379	1,696	1,852	1,712
Sub-Saharan Africa	10,617	8,466	8,201	9,891	10,665	10,655
East Asia	226,591	214,436	204,897	209,924	214,314	213,866
South Asia	3,928	3,034	3,804	4,140	3,238	3,238
Southeast Asia	3,230	4,135	4,262	5,722	3,582	3,507
Central America	1,052	903	797	701	938	932
Others	354	344	225	248	231	231
Total	341,409	322,372	306,288	292,688	304,417	305,543

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 Nov	2021/22 Dec
TY Exports						
Argentina	2,537	3,001	2,598	2,458	3,500	3,500
Australia	6,088	3,666	3,231	8,007	8,000	8,500
Canada	1,868	2,269	2,520	3,520	1,600	1,500
European Union	5,894	5,809	7,579	8,557	7,300	7,300
Kazakhstan	1,411	1,762	1,292	1,028	800	800
Russia	5,661	4,320	5,141	5,725	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	1,291	1,100	1,100
Uruguay	12	62	41	187	225	225
Others	343	292	223	417	242	317
Subtotal	27,898	27,126	29,269	36,383	33,417	33,892
United States	102	101	155	350	175	175
World Total	28,000	27,227	29,424	36,733	33,592	34,067
TY Imports						
Algeria	439	467	503	800	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	2,700	2,200	2,300
Israel	234	236	358	450	350	350
Japan	1,253	1,158	1,253	1,131	1,250	1,250
Jordan	788	928	564	600	800	800
Kuwait	521	474	522	507	500	500
Libya	438	888	891	1,011	700	850
Mexico	1	82	346	500	350	350
Morocco	363	299	1,073	480	300	300
Qatar	229	288	349	358	450	450
Saudi Arabia	7,700	5,700	7,300	6,200	6,500	6,500
Thailand	147	206	685	1,043	1,200	1,200
Tunisia	674	487	751	925	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	2,145	1,434	1,611
Subtotal	28,283	25,135	27,865	35,683	32,784	33,211
Unaccounted	-453	1,959	1,402	914	658	706
United States	170	133	157	136	150	150
World Total	28,000	27,227	29,424	36,733	33,592	34,067

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 Nov	2021/22 Dec
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	12,000	13,000
Canada	7,891	8,380	10,383	10,741	7,100	6,948
Ethiopia	1,960	1,749	2,378	2,339	2,350	2,350
European Union	51,482	49,470	55,180	54,234	53,900	52,750
India	1,747	1,781	1,633	1,720	1,670	1,670
Iran	3,100	2,800	3,600	3,600	3,100	2,700
Iraq	975	780	1,600	1,550	1,300	1,300
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	17,000
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	10,682	10,097	12,973	12,945	11,681	11,651
Subtotal	140,045	135,627	154,080	155,666	143,681	142,949
United States	3,119	3,343	3,756	3,719	2,562	2,562
World Total	143,164	138,970	157,836	159,385	146,243	145,511
Total Consumption						
Algeria	1,850	2,000	2,350	2,650	2,550	2,550
Australia	3,700	5,000	6,000	5,500	5,000	5,500
Canada	6,805	6,508	8,108	7,756	6,100	6,050
China	9,300	6,200	6,700	12,100	11,800	11,800
Ethiopia	2,225	1,825	2,325	2,375	2,375	2,425
European Union	46,900	45,600	49,500	48,250	47,900	46,800
India	1,950	1,900	1,850	1,900	1,820	1,820
Iran	6,000	6,200	6,400	6,400	5,500	5,200
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	12,800
Saudi Arabia	8,525	7,025	7,025	7,025	6,525	6,525
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	6,045	6,192
Others	18,896	19,211	21,866	23,856	23,278	23,407
Subtotal	142,008	136,853	151,673	156,742	147,593	147,029
United States	3,466	3,537	3,922	3,753	2,722	2,722
World Total	145,474	140,390	155,595	160,495	150,315	149,751
Ending Stocks						
Algeria	517	790	998	993	743	743
Argentina	388	723	718	930	723	830
Australia	1,776	1,908	2,711	1,970	911	970
European Union	5,592	5,457	5,207	5,026	5,013	4,976
Saudi Arabia	1,841	1,327	1,016	1,002	988	988
Ukraine	1,149	1,008	1,053	861	919	871
United Kingdom	1,076	1,091	1,357	1,040	1,127	1,028
Others	7,064	5,852	7,474	7,794	5,168	5,217
Subtotal	19,403	18,156	20,534	19,616	15,592	15,623
United States	2,057	1,884	1,747	1,555	1,308	1,308
World Total	21,460	20,040	22,281	21,171	16,900	16,931

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Nov 2021/22	Dec 2021/22
TY Imports						
North America	227	253	589	937	600	600
South America	1,082	1,179	1,168	918	1,030	1,037
European Union	979	1,762	1,089	1,150	1,300	1,300
Other Europe	183	252	175	202	163	163
Former Soviet Union - 12	229	395	464	438	366	366
Middle East	13,758	11,967	12,942	13,697	13,330	13,510
North Africa	1,990	2,342	3,225	3,236	2,420	2,570
Sub-Saharan Africa	49	28	67	19	30	120
East Asia	9,499	6,441	7,324	13,272	11,460	11,460
South Asia	114	296	89	120	225	225
Oceania	19	14	7	40	10	10
Total	28,453	25,268	28,022	35,819	32,934	33,361
Production						
North America	12,015	12,719	15,149	15,365	10,622	10,470
South America	4,862	6,551	5,326	6,206	6,514	6,514
European Union	51,482	49,470	55,180	54,234	53,900	52,750
Other Europe	8,508	7,762	9,433	9,605	8,722	8,722
Former Soviet Union - 12	35,563	31,225	36,528	35,680	32,660	32,630
Middle East	11,352	11,069	15,194	15,240	10,093	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	1,283	1,324	1,266	1,283	1,283
South Asia	1,943	1,936	1,981	2,066	1,976	1,976
Oceania	9,552	9,199	10,511	13,438	12,400	13,400
Total	143,164	138,970	157,836	159,385	146,243	145,511
Domestic Consumption						
North America	11,281	11,095	13,330	12,809	10,122	10,072
South America	3,780	4,016	4,098	4,237	3,959	3,959
European Union	46,900	45,600	49,500	48,250	47,900	46,800
Other Europe	7,575	7,032	7,378	8,704	7,539	7,681
Former Soviet Union - 12	24,589	21,759	25,705	24,547	22,311	22,215
Middle East	25,727	25,012	27,056	28,177	25,358	25,138
North Africa	6,359	7,076	7,419	6,505	7,508	7,658
Sub-Saharan Africa	2,755	2,360	2,913	2,962	2,980	3,030
East Asia	10,914	7,845	8,440	13,762	13,585	13,585
South Asia	2,214	2,103	2,221	2,264	2,153	2,153
Oceania	4,050	5,385	6,390	5,880	5,400	5,900
Total	146,468	139,622	155,335	159,890	150,815	150,191
Ending Stocks						
North America	3,716	3,109	3,166	2,676	1,939	1,937
South America	705	1,157	1,131	1,286	1,032	1,146
European Union	5,592	5,457	5,207	5,026	5,013	4,976
Other Europe	1,238	1,227	1,529	1,185	1,279	1,181
Former Soviet Union - 12	2,569	2,307	2,565	2,534	1,923	1,876
Middle East	3,956	2,617	3,304	3,160	2,245	2,245
North Africa	806	1,249	1,420	1,256	1,395	1,406
Sub-Saharan Africa	332	348	404	575	451	485
East Asia	469	348	556	1,332	490	490
South Asia	253	264	235	123	161	161
Oceania	1,813	1,946	2,755	2,012	963	1,022
Total	21,460	20,040	22,281	21,171	16,900	16,931

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 Nov	2021/22 Dec
TY Exports						
Argentina	473	254	426	1,973	2,600	2,600
Australia	449	91	107	1,230	700	1,000
Bolivia	21	18	8	29	50	50
Ethiopia	75	75	75	50	50	50
India	123	53	31	50	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	3,620	3,838	4,138
United States	4,839	2,410	5,404	7,052	8,300	8,300
World Total	6,549	3,333	6,390	10,672	12,138	12,438
TY Imports						
Chile	49	73	36	26	70	70
China	4,436	652	3,709	8,669	10,000	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	50	50	50
Others	958	1,069	424	362	409	409
Subtotal	6,707	3,245	5,626	9,934	11,469	11,769
Unaccounted	-209	87	763	737	668	668
United States	51	1	1	1	1	1
World Total	6,549	3,333	6,390	10,672	12,138	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 Nov	2021/22 Dec
Production						
Argentina	3,000	2,500	2,500	3,320	3,750	3,750
Australia	1,257	1,160	397	1,500	1,600	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	3,600	3,550	3,600	3,600
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	7,534	7,484
Subtotal	48,788	50,138	49,560	52,898	54,084	54,334
United States	9,192	9,271	8,673	9,474	11,967	11,967
World Total	57,980	59,409	58,233	62,372	66,051	66,301
Total Consumption						
Argentina	3,100	2,150	2,050	1,100	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	7,200	12,000	13,600	13,900
Ethiopia	5,000	5,000	5,300	4,900	5,200	5,200
European Union	950	1,524	978	973	951	901
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	7,639	8,308	8,308
Subtotal	54,658	52,394	55,546	60,199	62,135	62,385
United States	4,119	6,212	4,365	2,513	3,429	3,429
World Total	58,777	58,606	59,911	62,712	65,564	65,814
Ending Stocks						
Argentina	515	454	266	186	236	236
Brazil	250	194	293	314	294	294
China	105	17	97	312	282	282
India	274	153	394	574	424	424
Mexico	113	259	153	102	260	251
Nigeria	181	152	117	87	187	187
Sudan	386	631	110	243	280	243
Others	1,997	2,032	1,637	1,156	1,143	1,133
Subtotal	3,821	3,892	3,067	2,974	3,106	3,050
United States	885	1,617	764	517	928	928
World Total	4,706	5,509	3,831	3,491	4,034	3,978

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Nov 2021/22	Dec 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	9,024	10,375	10,675
Southeast Asia	22	36	41	30	25	25
Others	64	29	2	8	3	3
Total	6,758	3,246	5,627	9,935	11,470	11,770
Production						
North America	13,737	13,971	13,001	13,822	16,667	16,667
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	950	900
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	3,602	3,552	3,602	3,602
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	1,600	1,900
Others	183	194	192	107	140	140
Total	57,980	59,409	58,233	62,372	66,051	66,301
Domestic Consumption						
North America	8,819	11,312	9,365	7,013	8,079	8,079
Central America	282	291	286	245	222	222
Caribbean	91	108	71	79	84	84
South America	6,532	5,640	5,683	5,116	5,488	5,488
European Union	950	1,524	978	973	951	901
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	7,657	12,368	13,977	14,277
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	200	850	850
Others	101	122	93	98	80	80
Total	58,904	58,529	58,996	61,400	65,368	65,618
Ending Stocks						
North America	998	1,876	917	619	1,188	1,179
Central America	12	9	9	6	4	4
South America	892	740	683	645	675	675
European Union	138	103	45	29	40	38
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	1,241	1,195
East Asia	157	38	134	338	308	308
South Asia	274	153	394	574	424	424
Oceania	273	287	34	34	84	84
Others	56	62	39	17	26	27
Total	4,706	5,509	3,831	3,491	4,034	3,978

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 Nov	2021/22 Dec
TY Exports						
Australia	550	250	245	391	600	600
Canada	1,685	1,665	1,899	1,961	1,100	1,300
European Union	141	119	235	145	200	200
Kazakhstan	10	27	7	5	10	10
Russia	34	134	73	90	100	100
Ukraine	7	11	16	15	15	15
United Kingdom	26	50	112	31	115	115
Others	40	47	15	11	17	14
Subtotal	2,493	2,303	2,602	2,649	2,157	2,354
United States	31	26	32	50	30	30
World Total	2,524	2,329	2,634	2,699	2,187	2,384
TY Imports						
Algeria	7	1	13	10	10	10
Chile	0	14	28	169	50	50
China	389	224	222	301	300	300
Ecuador	39	16	12	30	20	20
European Union	39	58	113	33	50	50
India	19	21	25	50	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	100	150
Norway	21	93	45	15	25	25
Peru	29	41	45	50	50	50
South Africa	39	23	62	21	20	20
Switzerland	49	51	56	49	50	50
United Kingdom	23	34	30	21	20	20
Others	30	54	47	40	39	49
Subtotal	965	852	936	1,067	884	944
Unaccounted	16	80	107	57	153	140
United States	1,543	1,397	1,591	1,575	1,150	1,300
World Total	2,524	2,329	2,634	2,699	2,187	2,384

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 Nov	2021/22 Dec
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	2,300	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	8,200	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	4,100
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	389	451	451
Subtotal	22,954	21,383	22,446	24,551	22,193	22,449
United States	720	815	773	954	578	578
World Total	23,674	22,198	23,219	25,505	22,771	23,027
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	1,600	1,700
Chile	570	390	520	625	650	650
China	850	870	870	900	900	900
European Union	7,050	7,000	6,900	8,225	8,150	8,050
Kazakhstan	275	315	250	235	225	225
Mexico	200	255	210	235	190	240
Norway	320	250	345	320	325	325
Russia	5,400	4,700	4,200	4,050	4,000	4,000
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	754	791	792
Subtotal	21,633	20,705	20,832	22,509	21,599	21,648
United States	2,358	2,326	2,344	2,363	1,929	2,023
World Total	23,991	23,031	23,176	24,872	23,528	23,671
Ending Stocks						
Australia	196	191	114	293	239	243
Canada	778	397	426	657	267	273
Chile	46	29	47	94	94	89
China	241	155	107	108	108	108
European Union	500	371	332	439	397	389
Russia	167	60	195	187	188	188
United Kingdom	138	116	106	147	152	152
Others	358	318	368	385	351	371
Subtotal	2,424	1,637	1,695	2,310	1,796	1,813
United States	595	549	534	552	361	405
World Total	3,019	2,186	2,229	2,862	2,157	2,218

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Nov 2021/22	Dec 2021/22
TY Imports						
North America	1,723	1,535	1,744	1,774	1,260	1,460
South America	75	78	89	251	130	130
European Union	39	58	113	33	50	50
Other Europe	99	184	138	92	105	105
Former Soviet Union - 12	4	31	6	5	4	4
Middle East	0	0	0	0	0	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	375
South Asia	19	21	25	50	50	50
Southeast Asia	23	16	29	26	25	25
Oceania	0	0	0	0	0	0
Total	2,508	2,249	2,527	2,642	2,034	2,244
Production						
North America	4,525	4,354	5,099	5,593	2,968	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	8,200	8,150
Other Europe	1,302	1,138	1,516	1,474	1,540	1,540
Former Soviet Union - 12	6,679	5,822	5,488	5,333	5,121	5,121
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	25,505	22,771	23,027
Domestic Consumption						
North America	4,599	4,664	4,973	4,937	3,719	3,963
South America	1,915	1,842	2,086	2,133	2,395	2,395
European Union	7,050	7,000	6,900	8,225	8,150	8,050
Other Europe	1,361	1,325	1,534	1,495	1,524	1,525
Former Soviet Union - 12	6,621	5,846	5,247	5,208	5,047	5,047
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	976
South Asia	19	21	25	50	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	24,644	23,415	23,560
Ending Stocks						
North America	1,377	949	968	1,222	641	691
South America	125	144	191	222	222	227
European Union	500	371	332	439	397	389
Other Europe	202	167	158	194	199	199
Former Soviet Union - 12	330	177	322	340	292	292
Middle East	16	16	6	6	16	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	242	246
Total	3,019	2,186	2,229	2,862	2,157	2,218

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 Nov	2021/22 Dec
TY Exports						
Belarus	0	0	0	22	0	5
Canada	227	152	147	148	150	150
European Union	103	191	274	95	125	135
Russia	152	178	6	121	50	50
Ukraine	84	42	8	58	35	55
Others	1	1	0	3	0	0
Subtotal	567	564	435	447	360	395
United States	4	4	6	4	5	5
World Total	571	568	441	451	365	400
TY Imports						
European Union	142	221	0	131	5	20
Israel	21	17	8	30	30	30
Japan	21	23	19	22	20	20
Kazakhstan	0	0	2	11	1	4
Korea, South	3	3	4	4	5	5
Norway	5	19	10	10	10	10
Turkey	0	0	0	0	0	20
Others	40	19	106	16	8	12
Subtotal	232	302	149	224	79	121
Unaccounted	15	-28	8	38	86	29
United States	324	294	284	189	200	250
World Total	571	568	441	451	365	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 Nov	2021/22 Dec
Production						
Argentina	86	87	220	135	134	134
Belarus	670	503	756	1,051	800	800
Canada	341	236	333	488	415	473
European Union	7,366	6,173	8,395	8,964	8,950	8,050
Russia	2,540	1,914	1,424	2,376	2,000	2,000
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	13,444	12,602
United States	260	214	270	293	249	249
World Total	12,304	9,999	12,254	14,292	13,693	12,851
Total Consumption						
Argentina	86	87	220	135	134	134
Belarus	665	550	750	1,050	800	790
Canada	189	169	181	310	295	345
European Union	7,600	6,350	8,060	8,980	8,600	8,000
Kazakhstan	35	35	27	35	40	45
Norway	54	27	59	58	60	60
Russia	2,500	1,750	1,550	2,200	1,950	1,950
Turkey	320	320	320	320	330	330
Ukraine	480	332	332	410	555	525
United Kingdom	42	38	36	37	36	40
Others	135	134	124	150	147	146
Subtotal	12,139	9,817	11,650	13,711	13,113	12,420
United States	483	518	550	528	394	490
World Total	12,622	10,335	12,200	14,239	13,507	12,910
Ending Stocks						
Belarus	61	35	44	31	34	34
Canada	124	49	40	72	44	52
European Union	591	513	590	505	761	480
Kazakhstan	16	4	0	4	5	5
Russia	260	141	104	181	152	157
Turkey	14	14	14	14	14	34
Ukraine	69	47	48	82	72	73
Others	1	1	1	1	1	1
Subtotal	1,136	804	841	890	1,083	836
United States	15	11	28	32	22	27
World Total	1,151	815	869	922	1,105	863

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	Nov 2021/22	Dec 2021/22
TY Imports						
North America	326	296	287	190	202	252
South America	0	0	0	0	0	0
European Union	142	221	0	131	5	20
Other Europe	15	25	15	19	13	15
Former Soviet Union - 12	28	11	100	17	4	9
Middle East	21	17	8	30	30	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	413	279	371
Production						
North America	601	450	603	781	664	722
South America	97	100	234	150	150	150
European Union	7,366	6,173	8,395	8,964	8,950	8,050
Other Europe	128	87	127	128	126	126
Former Soviet Union - 12	3,759	2,836	2,542	3,916	3,440	3,440
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	13,693	12,851
Domestic Consumption						
North America	672	687	731	838	689	835
South America	97	100	234	150	150	150
European Union	7,600	6,350	8,060	8,980	8,600	8,000
Other Europe	142	110	141	141	139	142
Former Soviet Union - 12	3,680	2,667	2,659	3,695	3,345	3,310
Middle East	341	337	328	350	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	14,213	13,341	12,855
Ending Stocks						
North America	139	60	68	104	66	79
South America	0	0	0	0	0	0
European Union	591	513	590	505	761	480
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	406	227	196	298	263	269
Middle East	14	14	14	14	14	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	922	1,105	863

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.