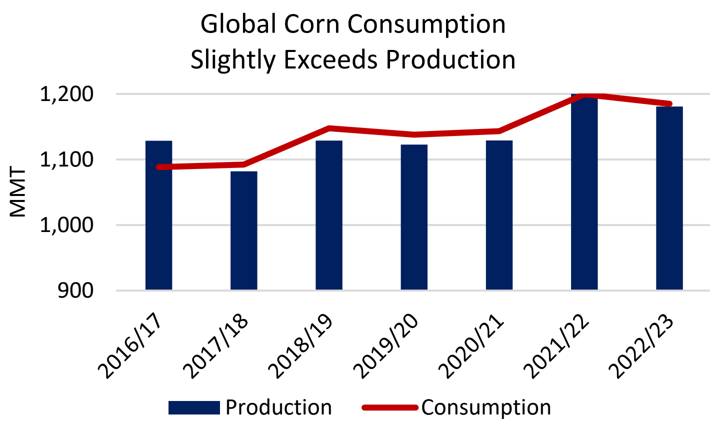
May 2022

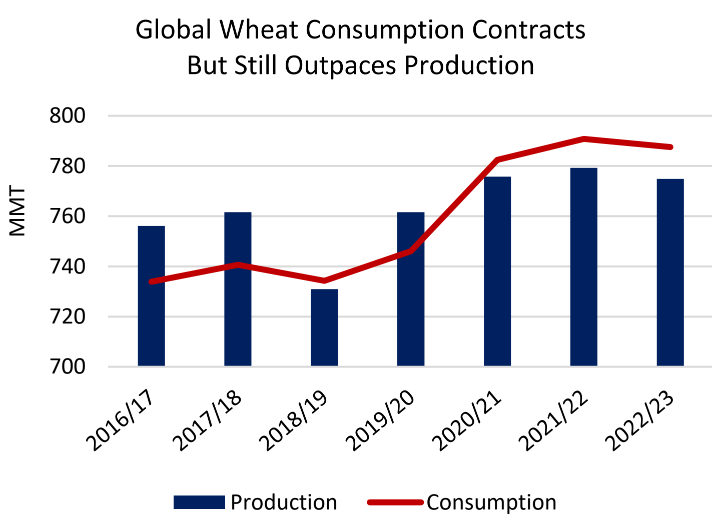
United States Department of Agriculture Foreign Agricultural Service

Grain: World Markets and Trade

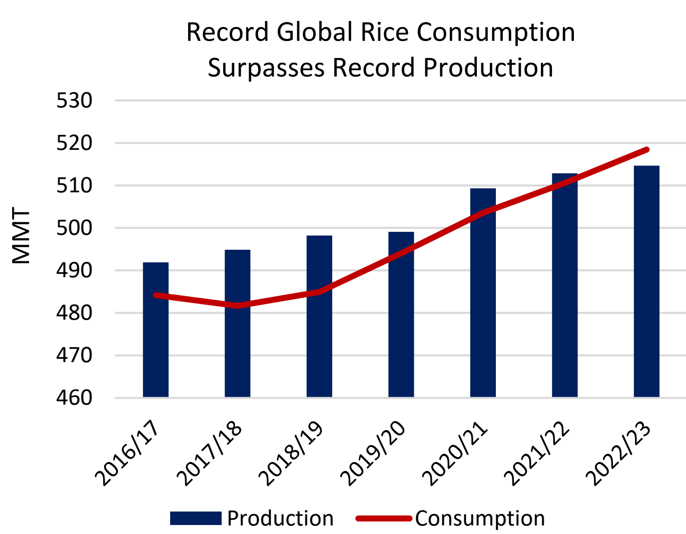
2022/23 Grain Consumption Exceeds Production, Stocks Tighten



Global **corn** production is forecast down, driven primarily by a cut in Ukraine and the United States, but China and the European Union are expected to have smaller crops as well. However, if realized, Argentina and Brazil will again have record production. Global trade falls in the absence of Ukraine's exportable supplies. For global consumption, both feed and non-feed uses are expected to decline very modestly. Ending stocks are forecast down, led by reductions in China and the United States.



Global **wheat** production is forecast down with smaller crops in Ukraine, Australia, Morocco, Argentina, the European Union, and China. Overall consumption is down with lower feed and residual use only partially offset by higher Food, Seed, and Industrial (FSI) use. Feed use is expected lower, especially in Australia, China, and the European Union due to smaller domestic crops. Food consumption continues to rise due to population growth. Global ending stocks are forecast down, with smaller carryout in China, India, and most major exporters. Trade is forecast at a record with stronger imports across Africa, Southeast Asia, and the Western Hemisphere.



Global **rice** production is forecast at a record with larger crops in South and Southeast Asia, including India, Indonesia, Bangladesh, Thailand, and Pakistan. Global consumption is expected to rise, also a record, primarily in India, China, and Sub-Saharan Africa. Global trade is forecast higher with India expected to remain the top exporter, but exports are also up significantly for Thailand and Pakistan. China will be the top importer, driven by record consumption. Global stocks are down to a three-year low as consumption grows faster than production and China continues to auction its large government stockpile.

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World Markets and Trade: Commodities and Data

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

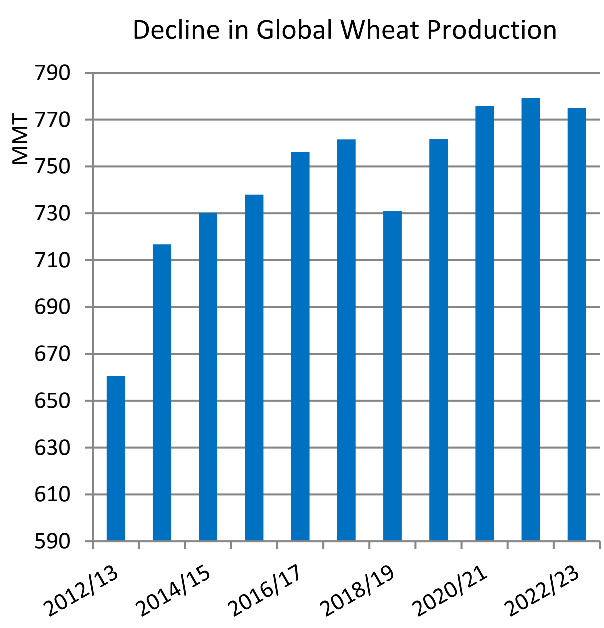
WHEAT

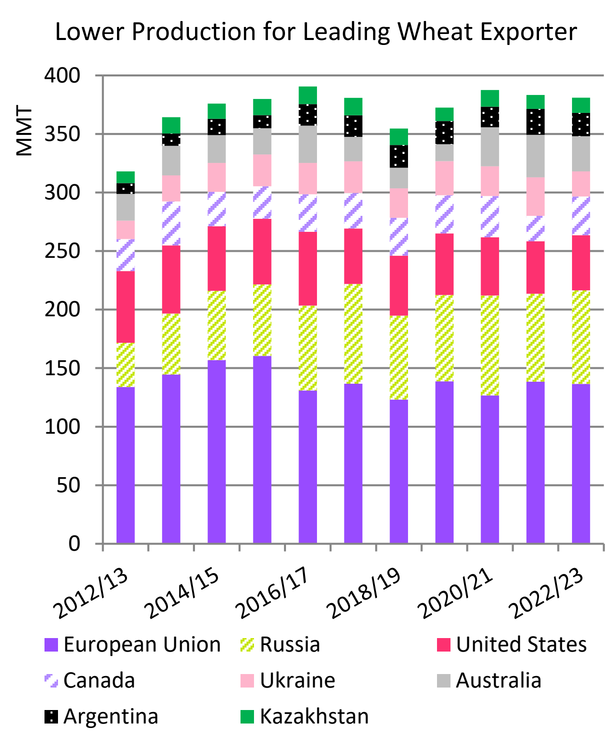
OVERVIEW FOR 2022/23

PRODUCTION

Global production is forecast at 775 million tons, down 4 million from the previous year. The largest cut to production is in **Ukraine**, which is projected to have a crop one-third smaller than the prior year with reduced harvested area and lower yields due to the ongoing war with Russia. **Australia** is expected to have a smaller crop, down from last year's record, on reduced harvested area and yields. Production in **Morocco** is forecast at the lowest since 2007/08 because of severe drought conditions. The crop in **India** is down as heatwaves have damaged yields in prominent northern growing states. **European Union** production is forecast modestly lower from the previous year. **China**, the second-largest global producer, is also expecting a slightly smaller harvest.

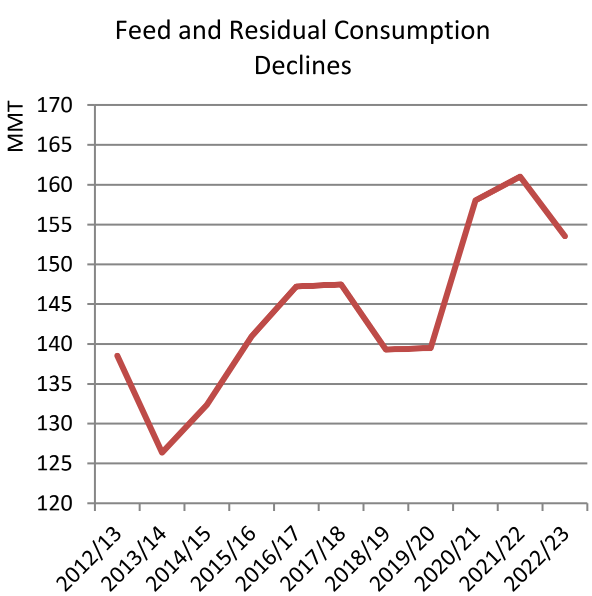
The largest year-over-year growth in production is expected in **Canada**, where area and yield are both forecast higher on improved weather following last year's widespread drought. **Russia's** crop is forecast higher on improved yields. **Turkey's** crop is forecast higher on improved weather boosting yields, offsetting a reduction in harvested area. **Kazakhstan** is also expecting a larger crop on higher yields. The **United States** is forecast to have a larger crop on recovery in spring wheat production after a drought-plagued 2021/22.

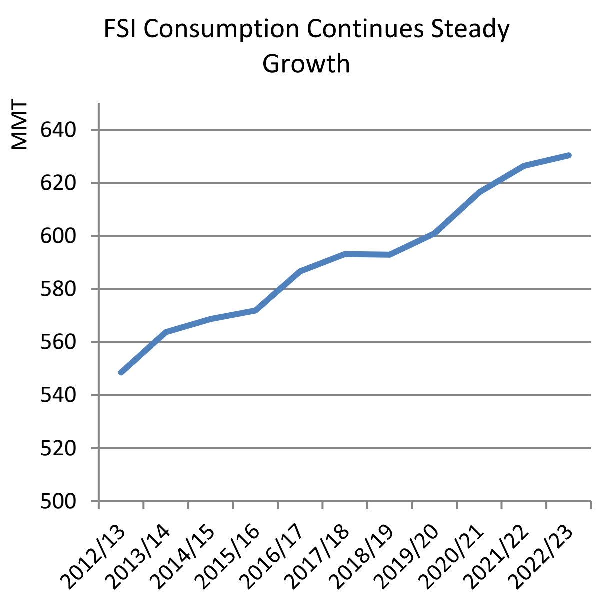




CONSUMPTION
Global wheat consumption is projected at 788 million tons, down 3 million from last year as reductions in Feed and Residual use are only partially offset by higher Food, Seed and Industrial (FSI) use. High global food inflation will impact consumers' ability to purchase wheat and wheat products in developing markets and may direct consumers to alternative food grains. However, the global economic recovery following the lifting of COVID-19 restrictions in most countries, as well as emerging market consumers' general shift toward more wheat-based diets with rising incomes and increased urbanization, continue to push FSI consumption higher. FSI is forecast at a record in 2022/23, with growth seen across nearly all regions. Growth is particularly significant in East Asia, driven by rising food use in **China,** and Sub-Saharan Africa. FSI consumption is also expected to grow in the **European Union**, reflecting additional refugees from Ukraine and recovery in tourism as COVID-19 related restrictions are lifted. The Middle East is expected to see higher FSI use on strong population growth. Food use in North Africa, South America, and Southeast Asia is expected to grow at a slower rate with anemic economic growth. Food use in South Asia is forecast down, driven by **India** where the government is shifting to less subsidized wheat and more subsidized rice in its distribution programs.

Wheat feed and residual use exhibits more annual variability compared to FSI depending on its price relative to feed grains. In 2022/23, feed and residual use is expected to weaken as wheat's premium to corn continues to expand in many markets. **East Asia** represents the largest year-over-year decline as corn and broken rice feed use in **China** continues to expand. Wheat feed use in **Australia** is expected to decline as a smaller crop and favorable pasture conditions discourage use of wheat for feed and prioritize available supplies for export to Southeast Asia and Sub-Saharan Africa. Wheat feed use in the **European Union** is projected modestly lower with smaller production and lower expected meat production. **Russia** is projected up due to larger overall supplies. Feed use in the **United Kingdom** is projected up on higher livestock inventories on farm and increased reliance on domestic wheat supports feed use. While feed use varies based on the price competitiveness relative to feed grains, the "feed and residual" attribute also represents expectations of losses ("residual" component) at various stages of the marketing chain.

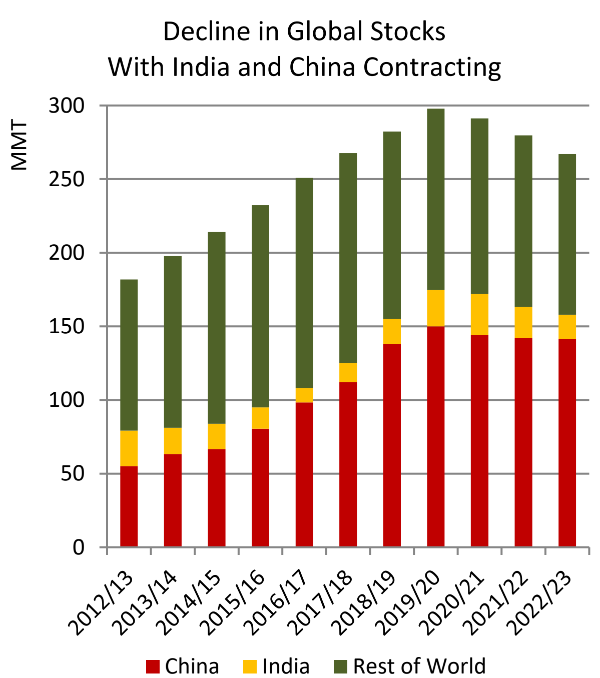


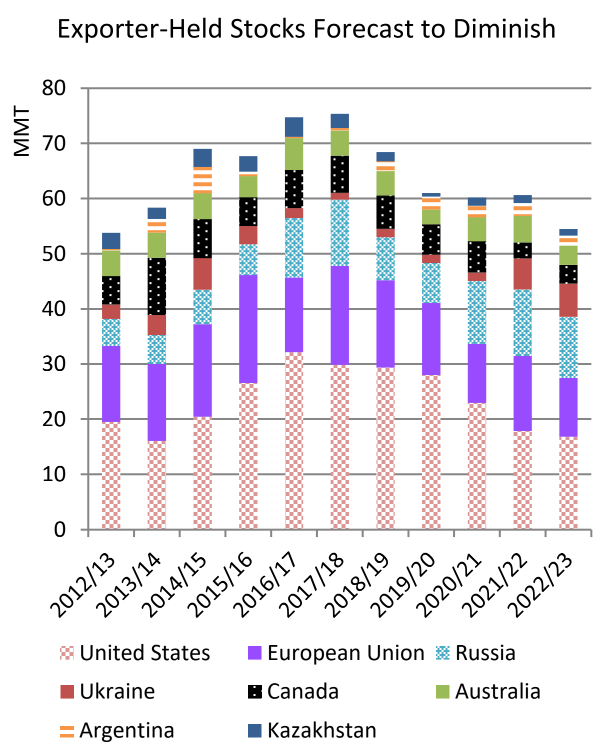


STOCKS

With global consumption once again exceeding production, global wheat stocks are projected to decline further in 2022/23. Combined stocks for the top eight global exporters are projected down from 2021/22. Exporter-held stocks are supplies that are readily available to the global market and their levels are highly correlated with prices. Stocks in **Russia** are forecast to decline as export demand for Black Sea wheat remains strong. Stocks in the **European Union** are also forecast to decline with a smaller crop and strong export demand from nearby markets. Despite a large production rebound projected, **Canada**'s stocks are forecast to only increase minimally and remain historically tight. **Australia's** stocks are tightened on a reduced crop, while stocks in the **United States** continue a 6-year decline to the lowest level since 2013/14. With tighter U.S. stocks, high futures prices, and strong global demand, the 2022/23 U.S. season-average farm price is projected at a record $10.75/bushel, up $3.05/bushel from the revised 2021/22 estimate.

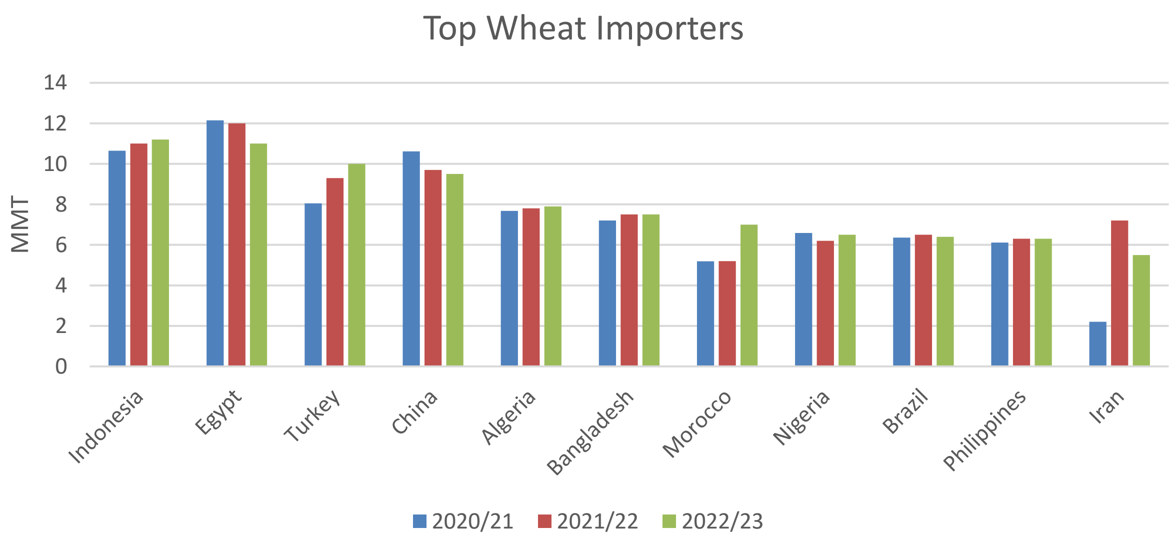
China is the largest holder of wheat stocks globally, although they are largely not available to world markets. China's stocks rose sharply between 2012/13 to 2019/20 due to government procurement for temporary reserves. Sales from government auctions for both feed and food use beginning in 2020/21 have resulted in a decline in stocks, which is expected to continue in 2022/23. Stocks in **India**, the second largest holder of global stocks, are forecast to decline as market rates offered by exporters are largely above government procurement prices. Despite reduced consumption, a smaller crop and strong exports are expected to lead to lower stocks, though still above the government's desired buffer level.





IMPORTS

Global trade is forecast at a record, with imports rising across both North Africa and Sub-Saharan Africa as the population and consumption expands but production remains relatively flat. **Indonesia** is set to be the top importer, spurred by the country's expansion in wheat for food use. **Egypt**, which has held that prominent role since 2007/08, is forecast to have lower imports with a more abundant crop as the government attempts to achieve more self-sufficiency. **Turkey** continues to be a major importer of wheat and exporter of wheat products, and both are anticipated higher in the coming year. **China** is forecast to have its third consecutive year of large imports, albeit marginally less than the current year, offsetting a smaller crop and reduced beginning stocks. The largest increase in imports is for **Morocco**, which will need large volumes to offset its smallest crop since 2007/08. The largest year-to-year decrease in imports is for **Iran**, which is harvesting a larger crop.



SELECTED IMPORTERS (1,000 MT)

Country	2021/22	2022/23	Y-Y Change	Reason
Afghanistan	3,200	**3,400**	**200**	Tight beginning stocks and greater available supplies from Kazakhstan, a key supplier.
Algeria	7,800	**7,900**	**100**	Continued demand for durum and milling wheat.
Bangladesh	7,500	**7,500**	**0**	Continued strong imports with ample supplies available from neighboring India.
Brazil	6,500	**6,400**	**-100**	Record production and rising global prices limit imports. Brazil is expected to continue importing significant volumes of wheat from Argentina.
China	9,700	**9,500**	**-200**	Reduced crop and lower stocks, along with strong domestic prices, continue to spur historically high import demand, although imports are forecast slightly lower as more broken rice is replacing wheat in feed.

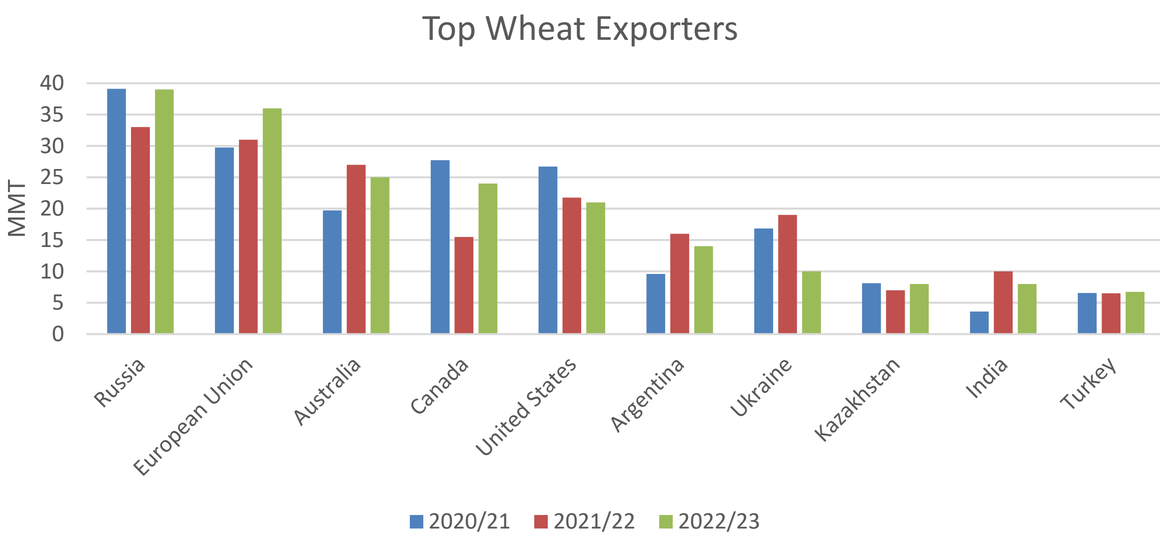
Country	2021/22	2022/23	Y-Y Change	Reason
Colombia	2,000	**2,200**	**200**	Strong demand and increased shipments expected from Canada following the harvest of its larger crop.
Egypt	12,000	**11,000**	**-1,000**	Larger crop and modest consumption growth reduce import demand amid rising import prices and limited supplies from Ukraine.
Ethiopia	1,700	**1,500**	**-200**	Reduced demand based on larger domestic crop and high global prices.
European Union	4,500	**5,000**	**500**	Smaller crop and lower stocks, combined with more available durum supplies from Canada for pasta production driving higher import demand.
Indonesia	11,000	**11,200**	**200**	Consumption of wheat-based products outside the home is likely to recover as the economy continues to re-open.
Iran	7,200	**5,500**	**-1,700**	Rebounding production and elevated global wheat prices dampen imports.
Iraq	2,600	**3,500**	**900**	Drought-impacted domestic crop prompts more wheat grain and flour purchases.
Israel	1,800	**1,800**	**0**	Stable consumption and production.
Japan	5,400	**5,300**	**-100**	Reduced demand for both food use and for feed, given continued population decline and high prices.
Kenya	2,000	**2,200**	**200**	Growth in demand from hospitality and tourist sectors outpaces production increase, necessitating higher imports.
Korea, South	4,700	**4,200**	**-500**	Much lower feed use as wheat prices rise and fewer available feed wheat supplies from Ukraine and Australia.
Mexico	5,100	**5,200**	**100**	Higher FSI demand and building stocks.
Morocco	5,200	**7,000**	**1,800**	Smallest crop since 2007/08 leads to strong growth in import demand.
Nigeria	6,200	**6,500**	**300**	Economic recovery following the pandemic, and relatively affordable bread prices.
Pakistan	1,900	**1,500**	**-400**	Imports expected lower amid larger carryin stocks and modest consumption growth, while also constrained by less available supplies from Ukraine, its primarily supplier over the past couple of years.
Peru	2,000	**2,100**	**100**	Slight increase in FSI in line with population growth.
Philippines	6,300	**6,300**	**0**	With no domestic production, imports expected to remain flat to satisfy both food use and feed use.

Country	2021/22	2022/23	Y-Y Change	Reason
Saudi Arabia	3,600	**3,000**	**-600**	Record domestic crop and steady growth in FSI consumption.
South Africa	1,650	**1,650**	**0**	Greater domestic supplies and marginal growth in consumption reduce necessity of higher wheat imports.
Sudan	1,900	**1,900**	**0**	High wheat prices temper food use and larger crop reduces import demand.
Thailand	2,500	**2,700**	**200**	Additional supplies needed to offset tight carryin stocks.
Tunisia	1,800	**1,900**	**100**	Increased domestic consumption.
Turkey	9,300	**10,000**	**700**	Despite larger production, imports expected to rise to meet robust growth in food use with a growing population. Exports are expected to rebound slightly amid strong demand from Iraq.
United Kingdom	2,300	**2,000**	**-300**	Greater domestic supplies reduce wheat imports.
United States	2,650	**3,200**	**550**	Increase in durum and high-protein wheat imports from Canada.
Uzbekistan	3,200	**3,500**	**300**	Increased consumption and expanding capacity for re-exports of flour to the region.
Vietnam	4,100	**3,900**	**-200**	Food use up slightly, while wheat feed use declines amid high prices.
Yemen	3,400	**3,700**	**300**	Continued commercial and food aid shipments of white wheat.

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).

EXPORTS

Global exports are forecast at a record 205 million tons as robust import demand and high prices are expected to lead major exporters to prioritize ample supplies for export. **Russia** is forecast to be the largest exporter for the third year in a row on a larger crop and strong global demand for affordable Black Sea wheat as exports from Ukraine are curtailed. Currently, **Ukraine** is unable to export via seaports because of the ongoing war but is seeking to use alternative routes, primarily by rail and export through neighboring European countries. The **European Union** is projected to be the second largest exporter, reflecting a larger crop from France, Romania, and Germany, as well as growing demand from Sub-Saharan Africa and Middle East markets. **Australia** is forecast to have a significant decline in exports; however, if realized, this would still mark the second largest exports on record, reflecting strong demand from Southeast Asia markets. **U.S.** exports are forecast to be lower, as several major exporters are projected to have larger supplies in 2022/23 and relatively high U.S. prices are expected to reduce U.S. competitiveness. **Canada** is projected to have the largest increase in exports year over year, as a much larger crop and strong global demand for durum wheat spur strong growth. **Argentina** exports are forecast down on a smaller crop and stronger competition from North America. **Kazakhstan** is forecast to see a surge in exports on strong demand from Central Asia for wheat and wheat flour. **India** is forecast to have another strong year of exports with continued competitiveness in the region and ample sufficient supplies.



SELECTED EXPORTERS (1,000 MT)

Country	2021/22	2022/23	Y-Y Change	Reason
Argentina	16,000	**14,000**	-2,000	Smaller crop and increased competition from Canada.
Australia	27,000	**25,000**	-2,000	Lower exportable supplies.
Brazil	3,200	**2,800**	-400	Record domestic crop amidst strong global import demand for price-competitive wheat

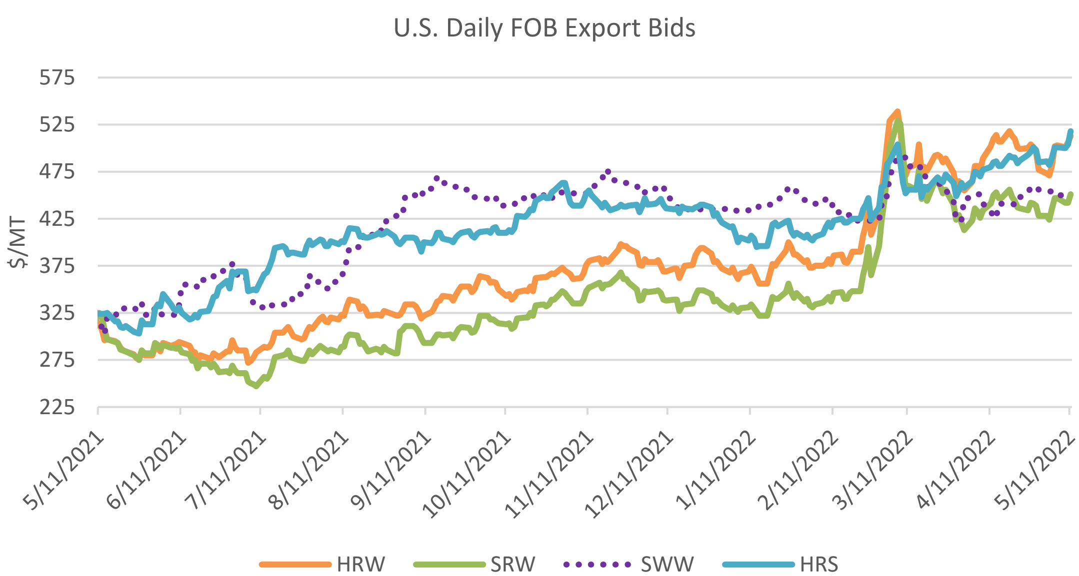
Country	2021/22	2022/23	Y-Y Change	Reason
Canada	15,500	**24,000**	**8,500**	Much larger crop and robust global import demand, especially for durum.
European Union	31,000	**36,000**	**5,000**	Larger crop especially in France, Germany, and Romania - key exporting member states.
India	10,000	**8,000**	**-2,000**	Smaller crop, tightening stocks, and strong competition from Australia.
Kazakhstan	7,000	**8,000**	**1,000**	Larger crop and strong demand for wheat and flour from Central Asia.
Mexico	800	**850**	**50**	Growth in durum exports.
Paraguay	400	**400**	**0**	Minimal growth in domestic crop and strong competition in the Western Hemisphere.
Russia	33,000	**39,000**	**6,000**	A larger crop and strong demand for affordable Black Sea wheat as exports from Ukraine are curtailed.
Serbia	900	**500**	**-400**	Despite larger production, Serbia will face intense competition from the European Union and Black Sea suppliers. Currently has export restrictions in place indefinitely.
Turkey	6,500	**6,750**	**250**	Larger crop and greater exportable supplies. Turkey primarily exports wheat flour and pasta.
Ukraine	19,000	**10,000**	**-9,000**	With a significantly smaller crop and current limitations on shipping directly by sea, exports will largely be via rail to nearby countries.
United Kingdom	700	**900**	**200**	With a larger crop, exports to expand, mostly to European Union countries.
United States	21,750	**21,000**	**-750**	Facing greater competition from Canada in Western Hemisphere markets.

OVERVIEW FOR 2021/22

Global production is slightly higher this month, mostly due to upward revisions for Argentina, Uzbekistan, and Ethiopia. Meanwhile, consumption is down due primarily to declines in feed and residual use, driven by downward revisions in Australia, Thailand, and Turkey. Global trade is lower with smaller imports for Thailand, Libya, Lebanon, Georgia, Nepal, Congo, Uganda, and Sudan. Overall, exports are projected lower, with reductions from the European Union and Egypt partially offset by increases for Turkey, Uzbekistan, United States, Argentina, and Brazil. The U.S. season-average farm price forecast is raised 10 cents to $7.70 per bushel.

WHEAT PRICES

Domestic: Prices for U.S. winter wheat classes have increased since the April *WASDE* as U.S. winter wheat rated at just 29 percent good/excellent, according to the latest NASS crop conditions ratings. The current conditions likely limit the potential for significant crop improvement in the Southern Plains region. Hard Red Winter (HRW) is up $27/ton to $503 on missed rains in Oklahoma. Soft Red Winter (SRW) is also up $21/ton to $447 on dry growing conditions. Hard Red Spring (HRS) is up $31/ton to $501 as spring wheat plantings are currently at half of the level from the same period one year ago, according to NASS. Soft White Winter (SWW) is down $1/ton to $450 on poor international demand.

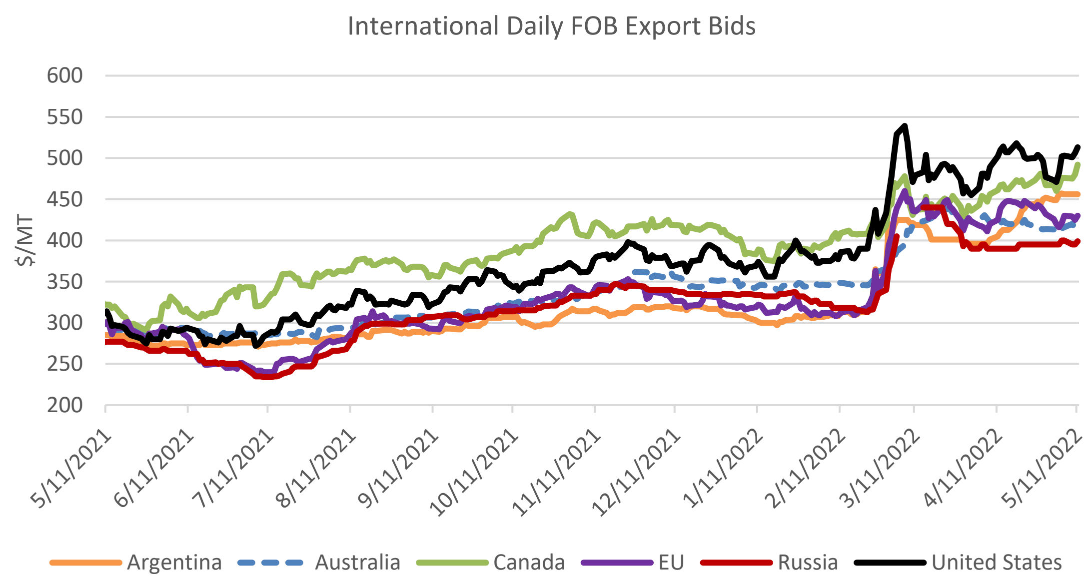


Note: As of May 11, 2022

Global: Overall, global exporter quotes continued to escalate over the past month as weather concerns persisted across the Northern Hemisphere and as the ongoing war in Ukraine affected Black Sea shipments. Canadian quotes rose $40/ton with dry conditions in some western regions and excessively wet conditions in other parts of the Prairies. U.S. quotes increased $32/ton as wet weather delayed spring wheat plantings and dry weather impacted winter wheat, which is rated just 29 percent good/excellent compared to 49 percent last year. EU quotes were up $15/ton as new-crop forecasts were lowered on dry conditions. Argentine quotes had the largest monthly increase, rising $60/ton as the record export pace continued. Russian prices rose $4/ton as shipments continued despite payment issues. Australian quotes, meanwhile, dipped $14/ton with increased competition from India.

Argentina	Australia	Canada	EU	Russia	United States
$456	$417	$492	$430	$399	$513

Note: As of May 11, 2022



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

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

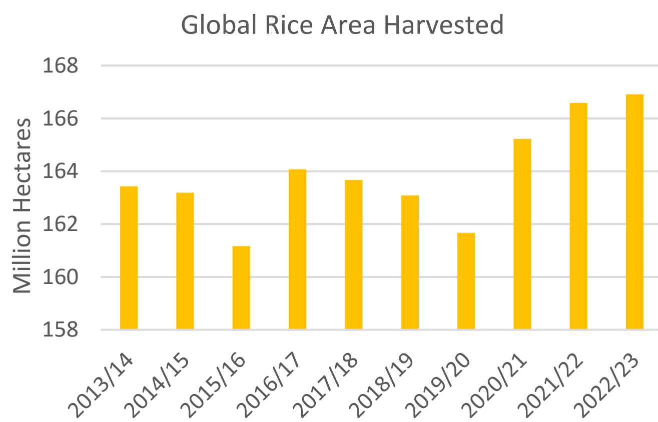
Country	Attribute	Previous	Current	Change	Reason
Afghanistan	Imports	2,600	**3,200**	**600**	Strong recent imports from Uzbekistan
China	Imports	9,500	**9,700**	**200**	Large shipments from Australia and France
Georgia	Imports	625	**400**	**-225**	Lower imports from Russia in recent months
Libya	Imports	1,400	**1,200**	**-200**	Reduced monthly imports, particularly since Ukraine was its primary supplier
Thailand	Imports	2,900	**2,500**	**-400**	Lower purchases of feed-quality wheat as feed demand dips due to African swine fever and less poultry exports
Argentina	Exports	15,000	**16,000**	**1,000**	Robust shipments, especially to North Africa
Brazil	Exports	2,500	**3,200**	**700**	Large shipments, particularly to Saudi Arabia and Indonesia
Egypt	Exports	500	**300**	**-200**	Export ban for wheat and wheat products
European Union	Exports	34,000	**31,000**	**-3,000**	Continued sluggish export pace as indicated by customs surveillance data
Turkey	Exports	6,250	**6,500**	**250**	Continued exports of wheat flour, especially to Iraq

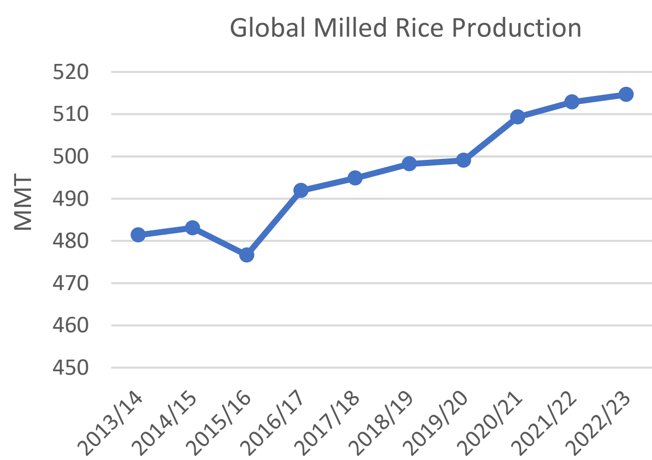
RICE

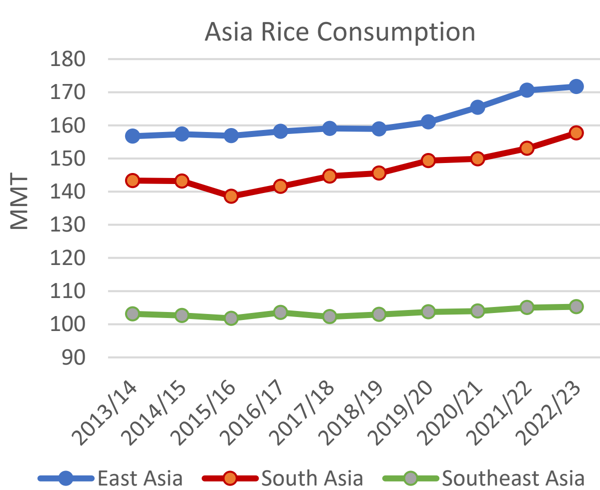
OVERVIEW FOR 2022/23

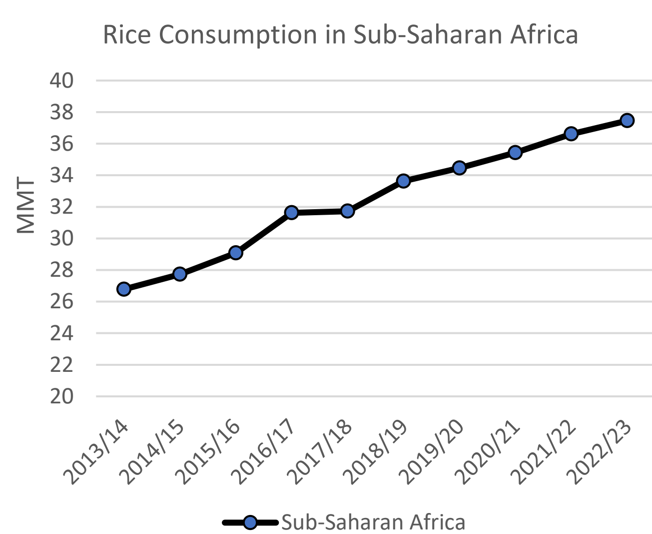
Global rice area is forecast to expand slightly in 2022/23 with modest growth in **Thailand** and **Bangladesh**. Production is up nearly 2 million tons to a new record, reaching almost 515 million tons. In **India**, investments in agricultural inputs have improved yields, boosting production further, even though area harvested is projected flat at this year's record. Larger crops are forecast in several major rice-producing countries including **Pakistan, Indonesia, Thailand**, and **Bangladesh**. Regionally, production is forecast to rise in **South Asia** and **Southeast Asia**, but decline in **North America**, **East Asia,** and **Africa**.

World rice consumption is up by 7 million tons to surpass 518 million tons, with growth driven by increases in **South Asia** and **Sub-Saharan Africa. East Asia** continues to be the top rice consuming region globally, driven by **China.** Again, the world's top rice consuming country, China is forecast to increase its consumption to over 156 million tons. Consumption in the second- and third-largest rice consuming countries, **India** and **Bangladesh**, is also projected higher. The government in India has announced plans to shift to more rice and less wheat allocations in its public distribution system.







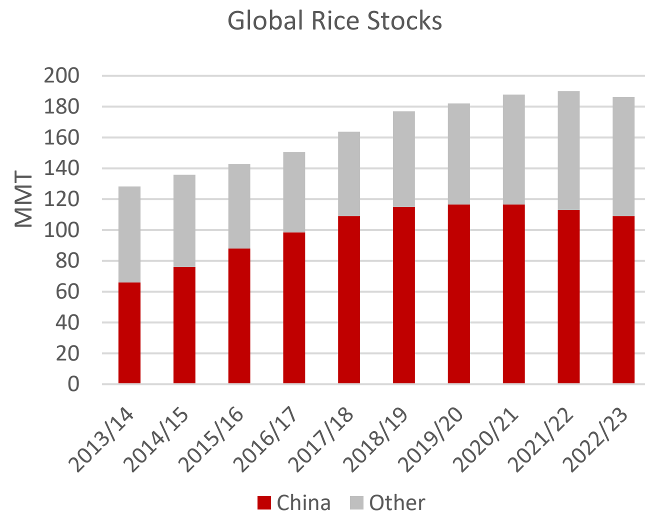


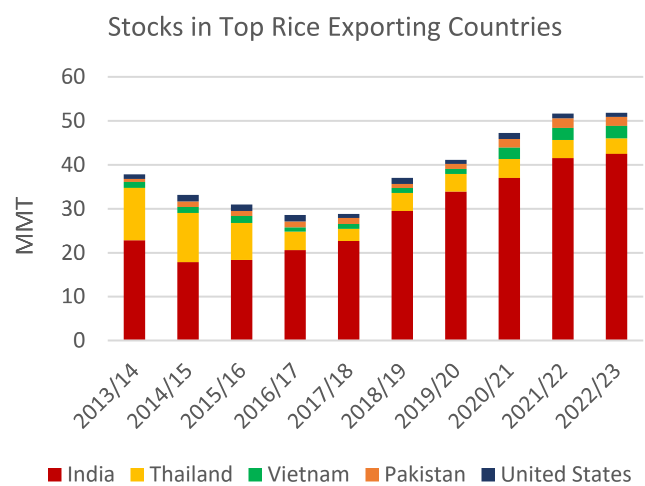
Food accounts for the bulk of rice consumption globally; however, use of broken rice for feed has been growing in countries including **China** and **Vietnam**, spurred by high global feed prices and declining rice prices. Consumption is also up in the **Philippines** as the high price of wheat is expected to raise consumption of rice for food.

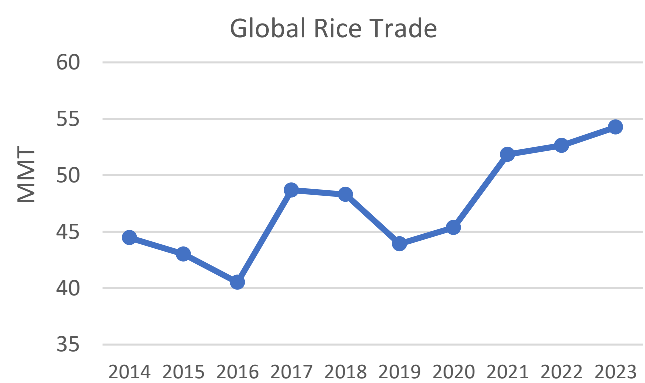
Global stocks are forecast lower by 2 percent as consumption is expected to rise more than production. **China** and **India**, the world's largest stockholders of rice, hold 82 percent of total global stocks. China continues to auction its government stocks. In contrast, stocks in India are forecast to rise following several consecutive years of high production and government procurement. Ending stocks for the **United States** are forecast down 11 percent on a smaller crop.

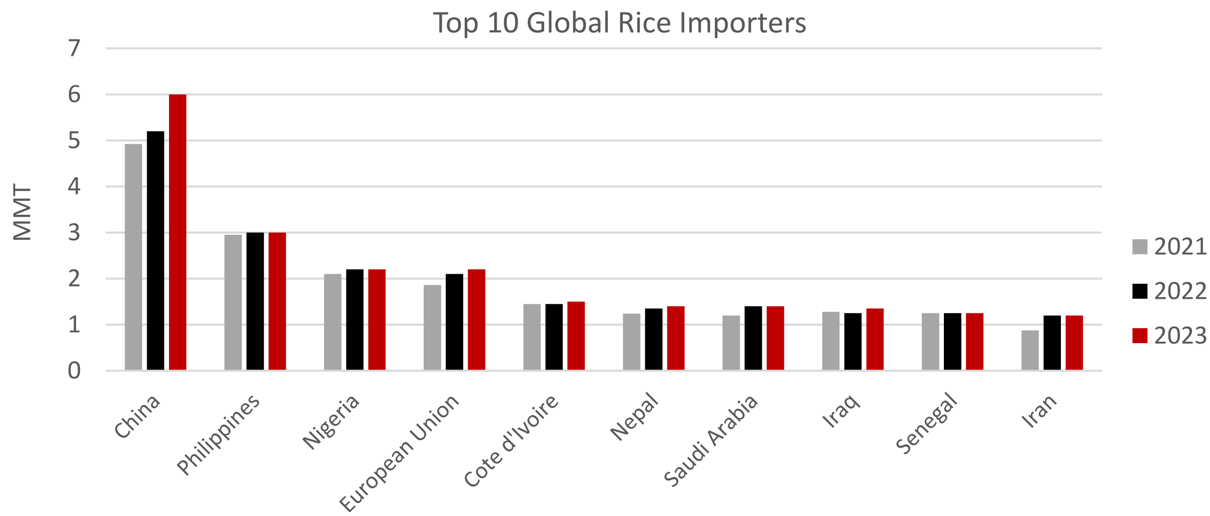
Global exports are forecast up 3 percent to 54 million tons, with **India** remaining the top exporter due to another massive crop and abundant supplies. Other major suppliers are also projected to export more in 2022/23, including **Thailand**, **Pakistan**, and **China**. **Vietnam** exports are expected to decline slightly, faced with more competition from Thailand and India. Major **Western Hemisphere** suppliers **Brazil** and the **United States** are forecast to export less on smaller crops.

Imports are projected higher, mainly due to a record 6 million tons forecast for **China**. Other top importers, the **Philippines** and **Nigeria**, are projected to remain steady, while the **European Union** is forecast higher. Imports are forecast to rise in **Sub-Saharan Africa**, including **Cote d'Ivoire**, **Ghana**, and **Tanzania**. **Sri Lanka** is expected to decrease imports after its production is forecast to partially rebound from its reduced 2021/22 crop. **Vietnam** is forecast to import less rice amid sufficient domestic availability of broken rice.





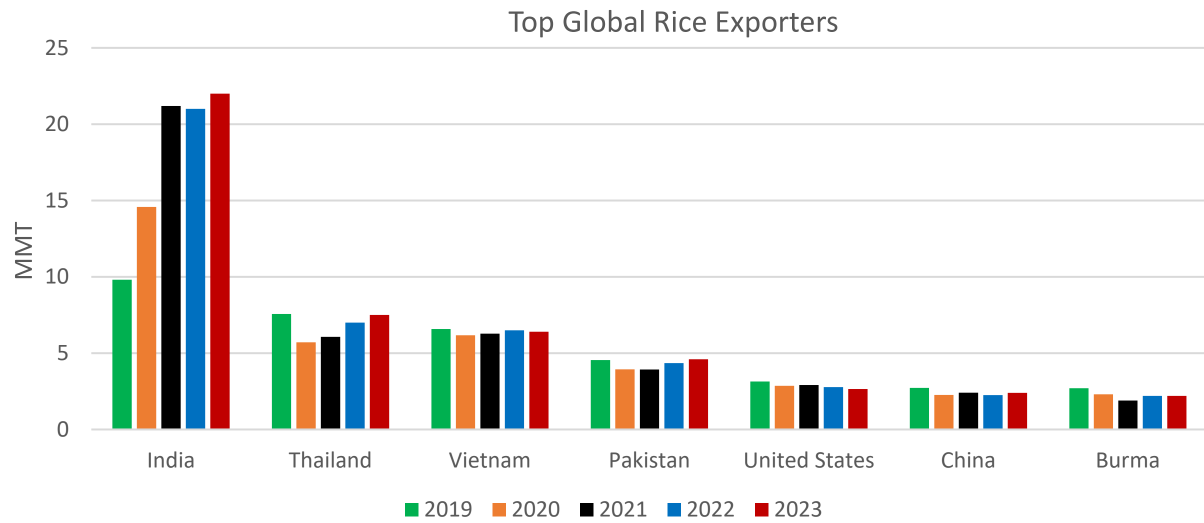




SELECTED IMPORTERS (1,000 MT)

Country	2022	2023	Y-Y Change	Reason
Bangladesh	400	**500**	**100**	Rise in imports to meet consumption needs despite modest production increase.
Brazil	800	**850**	**50**	Smaller crop and rice continuing to be a staple food.
China	5,200	**6,000**	**800**	Demand for broken rice is expected to rise as a cheaper substitute in feed rations, since it can enter the country competitively outside of the tariff-rate quota (TRQ).
Colombia	130	**130**	**0**	Imports to remain flat with ample supplies.
Cote d'Ivoire	1,450	**1,500**	**50**	Despite a larger crop, imports forecast slightly higher to accommodate steady consumption growth.
Egypt	800	**950**	**150**	Production to remain low due to the government continuing to limit planting area.
European Union	2,100	**2,200**	**100**	Smaller crop and low stocks.
Ghana	950	**1,000**	**50**	Production decline boosts need for imports to meet rising demand and population growth.
Haiti	490	**510**	**20**	Production is not expected to grow sufficiently to fulfill the increase in domestic demand.
Indonesia	750	**650**	**-100**	Larger crop and sufficient stocks; diet continues to diversify away from rice.
Iran	1,200	**1,200**	**0**	Consumption to remain steady, especially for basmati rice.

Country	2022	2023	Y-Y Change	Reason
Iraq	1,250	**1,350**	**100**	Rise in consumption paired with limited availability in rice-growing regions. Strong import pace from Thailand.
Japan	685	**685**	**0**	WTO minimum commitment only.
Jordan	220	**220**	**0**	Consumption and imports to remain flat following slow economic recovery from COVID-19.
Korea, South	440	**430**	**-10**	Return to normal import volume based on timing of TRQ contracts.
Malaysia	1,200	**1,200**	**0**	Demand for rice is flat with steady production and continuing shift in diets towards wheat.
Mexico	800	**820**	**20**	Flat production; imports up on population growth.
Mozambique	700	**760**	**60**	Imports rise amid steady consumption growth.
Nepal	1,350	**1,400**	**50**	Higher imports of mostly Indian rice amid rising consumption.
Nigeria	2,200	**2,200**	**0**	Larger domestic production limits import growth.
Peru	230	**300**	**70**	Rising consumption and declining production will result in higher imports.
Philippines	3,000	**3,000**	**0**	Flat production and ample stocks keep imports steady even as consumption grows.
Saudi Arabia	1,400	**1,400**	**0**	Ample stocks from government policy actions reduce import needs.
Senegal	1,250	**1,250**	**0**	Greater production due partly to subsidized agricultural inputs.
South Africa	1,000	**1,025**	**25**	Slight increase in imports of low-priced Asian parboiled rice.
Sri Lanka	650	**300**	**-350**	Lower imports as production somewhat rebounds.
Tanzania	120	**250**	**130**	Rise in imports to meet decline in production amid drought.
United Arab Emirates	900	**1,000**	**100**	Rebounding economic recovery following COVID-19.
United Kingdom	650	**660**	**10**	Higher consumption.
United States	1,100	**1,200**	**100**	Combined effect of lower production and continued rising demand for fragrant Asian varieties.
Venezuela	590	**600**	**10**	Smaller crop and higher consumption.



SELECTED EXPORTERS (1,000 MT)

Country	2022	2023	Y-Y Change	Reason
Argentina	320	**320**	**0**	Tighter supplies and logistical issues impede additional demand from overseas importers.
Australia	250	**280**	**30**	Larger crop and ample carryover stocks.
Brazil	780	**650**	**-130**	Smaller crop and tighter supplies.
Burma	2,100	**2,100**	**0**	Insufficient supplies to expand exports and maintain viable stocks.
Cambodia	1,400	**1,400**	**0**	Exports of fragrant rice to the EU to remain strong and informal trade with neighboring countries likely to continue.
China	2,250	**2,400**	**150**	Ample supply and continued demand from key markets.
European Union	440	**420**	**-20**	Tightening stocks more than offset the slightly larger crop.
India	21,000	**22,000**	**1,000**	Larger production, abundant stocks, and continued competitive prices.

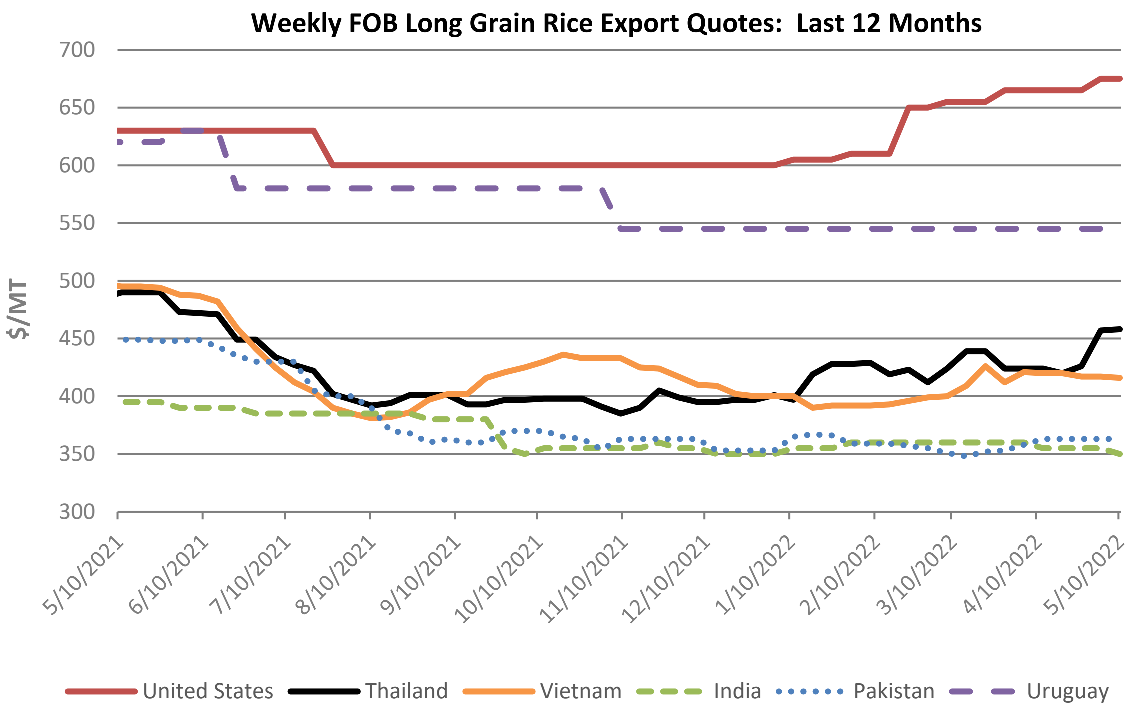
Country	2022	2023	Y-Y Change	Reason
Pakistan	4,350	**4,600**	**250**	Large crop, ample supplies, and competitive prices.
Paraguay	640	**700**	**60**	Greater exportable supplies.
Thailand	7,000	**7,500**	**500**	Larger supply and ample stocks expected to improve competitiveness for white and parboiled rice.
United States	2,775	**2,650**	**-125**	Lower exportable supplies with a smaller crop and expectation of higher prices.
Uruguay	820	**850**	**30**	Abundant supplies and low domestic consumption.
Vietnam	6,500	**6,400**	**-100**	More competition from lower-priced competitors.

OVERVIEW FOR 2021/22

Global rice production is reduced this month on smaller crops in Nepal, Burma, and Cote d'Ivoire more than offsetting an increase in Nigeria. Global consumption is adjusted lower primarily due to changes in Nepal, Bangladesh, and Burma. Stocks are forecast higher mostly because of Nigeria. Trade is modestly higher as India continues to dominate exports with competitively priced rice fueling imports from Sub-Saharan Africa.

RICE PRICES

Global: Over the past month, U.S. rice export quotes rose by $10, now reaching $675/ton amid tight stocks and a smaller crop. U.S. prices remain persistently higher than other origins. Uruguayan prices remain steady at $545/ton. Previously tracking closely with Vietnam, Thai quotes rose $34 to $458/ton as demand for fragrant and parboiled rice from key markets strengthened. Vietnamese prices dipped $5 to $416/ton amid the spring crop harvest. South Asian prices remain the lowest on export markets, with Indian quotes falling by $10/ton to $350 and Pakistani prices rising by $5/ton to $363. Both countries had large harvests and retain ample stocks.



TRADE CHANGES IN 2022 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	500	**400**	**-100**	Sluggish imports amid high import tariff.
Mali	Imports	550	**850**	**300**	Lower production; imports expected to rise to meet consumption needs.
Senegal	Imports	1,100	**1,250**	**150**	Lower production and large imports from India and Brazil.
Thailand	Exports	6,800	**7,000**	**200**	Strong exports to Iraq, China, Sub-Saharan Africa, and the United States.

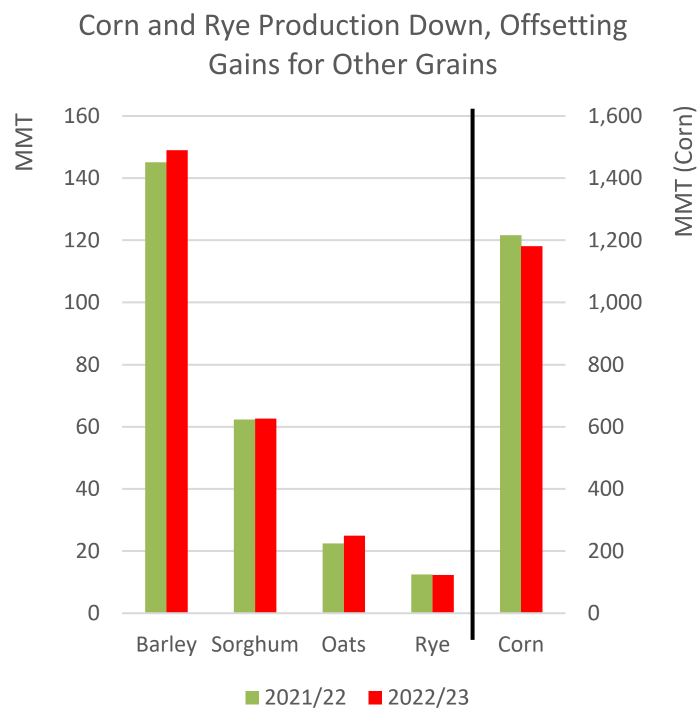
COARSE GRAINS

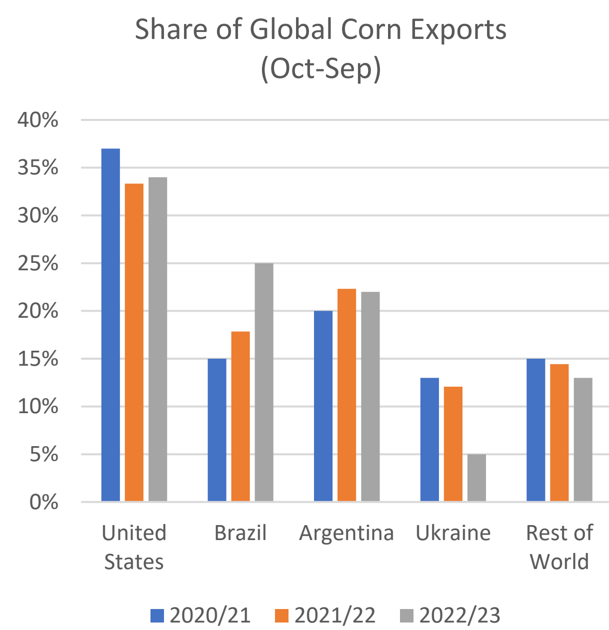
2022/23 OVERVIEW

Global coarse grain production is projected to fall as declines in corn and rye more than offset gains in barley, sorghum, and oats. Coarse grain production in China, the European Union, Ukraine, and the United States is forecast lower, more than offsetting larger crops in Argentina, Brazil, Nigeria, Russia, and South Africa. Global coarse grain consumption is nearly unchanged from the 2021/22 record on expectations of higher prices curbing demand growth across the world.

The global **corn** outlook is for lower production, trade, consumption, and ending stocks. Production is projected to decline with smaller crops in Ukraine, the United States, and the European Union, more than offsetting forecast record production in Argentina and Brazil. Global trade will decline as exportable supplies from Ukraine are expected to be limited as a consequence of Russia's invasion. Exports for Argentina and the United States remain high, and Brazil is up sharply as the other major exporters attempt to fill the gap left by Ukraine. Global consumption and ending stocks are forecast down, both modestly, but there remains uncertainty for these attributes in Ukraine. The U.S. season-average farm price is forecast at $6.75 per bushel, the highest since the record set in 2012/13.

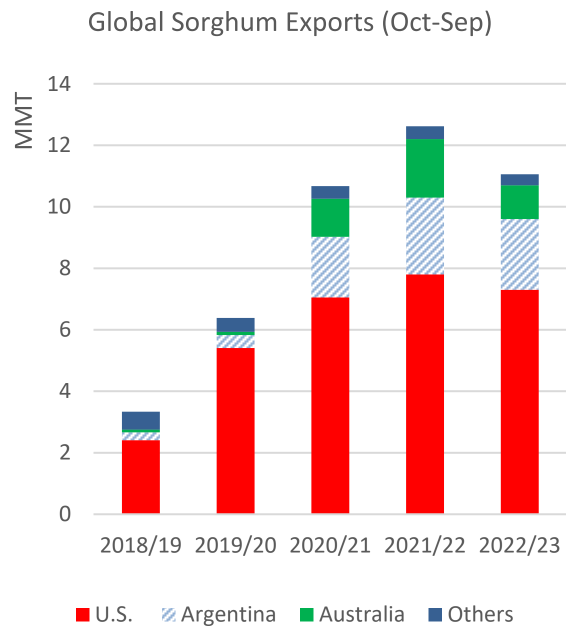
The global **barley** outlook is for lower trade despite larger production. Production is forecast to grow as crops for Canada, Russia, and Turkey recover, though production is expected to be smaller in Australia and Ukraine. Consumption for feed use is expected to fall marginally, but food use is forecast to grow. Global trade shrinks due to smaller exports for Australia and Ukraine. Combined exports (Oct-Sep) for these two countries fall 28 percent (or 3.3 million tons) from the revised 2021/22 level. Global ending stocks are virtually unchanged.

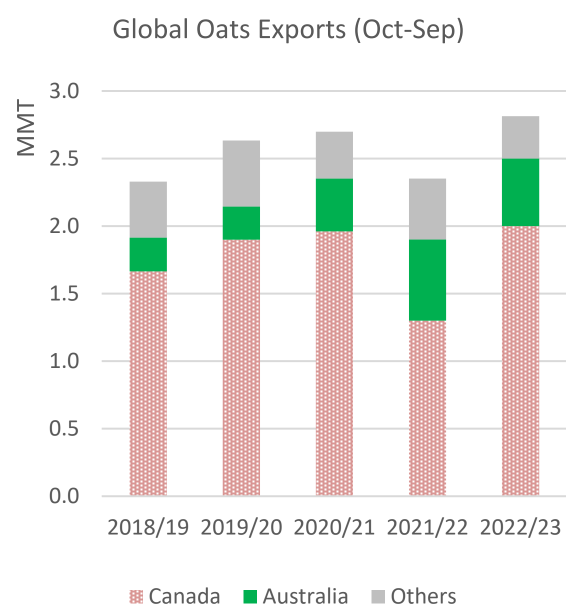




The global **sorghum** outlook is for marginally higher production, consumption, and ending stocks, but lower trade. Production is projected up as gains in several African countries, including Sudan, Niger, Nigeria, Mali, and Burkina Faso, more than offset cuts to Australia and the United States. U.S. production is smaller based on lower area as indicated in the March *Prospective Plantings* report. If realized, global production would be the largest since 2016/17. The higher production in the aforementioned African countries will primarily be used domestically for human consumption, and lower exportable supplies for Australia and the United States will mean a contraction in trade. Imports by China, the world's largest sorghum importer, are forecast down as a result. With global consumption and production both little changed, ending stocks are also projected to be little changed.

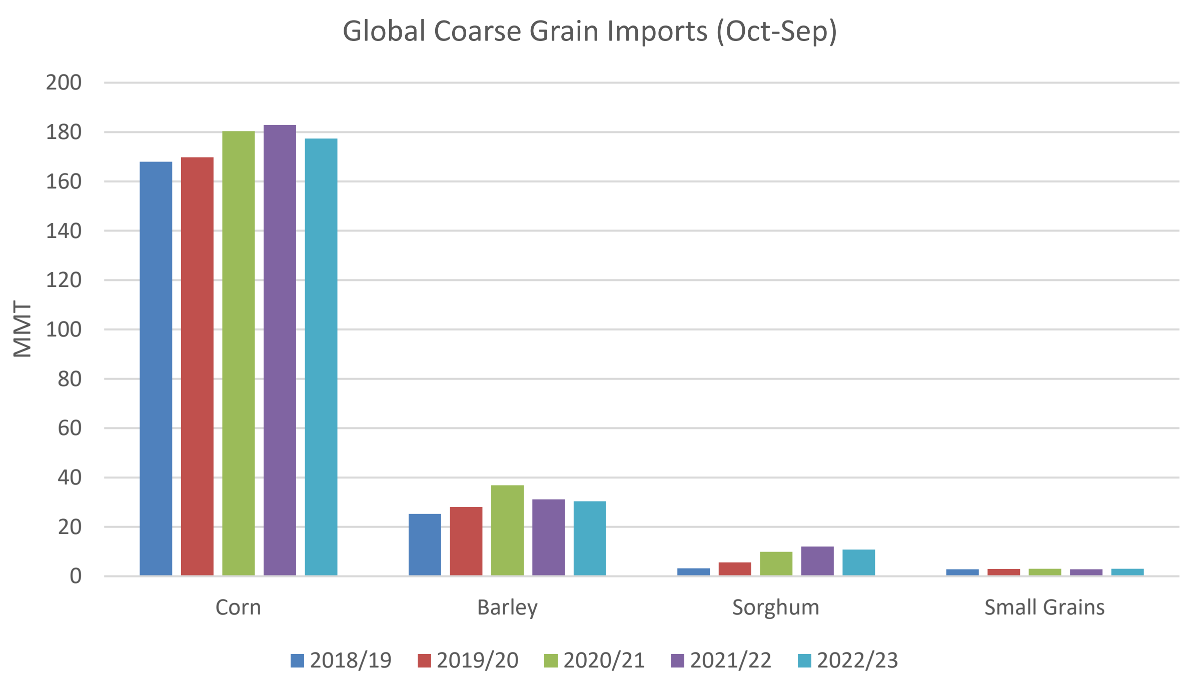
For small grains, **oats** production is projected higher on a recovery in Canada and **rye** production is projected lower as cuts to Ukraine and the European Union more than offset a gain for Russia. For oats, global consumption is expected to grow; for rye, consumption will be nearly unchanged. Global oats trade is projected to increase with higher oats imports for Chile and the United States. Global rye trade is projected to fall, reflecting lower exports from Ukraine. As the expansion in oats production exceeds consumption growth, ending stocks rise, while global rye ending stocks are drawn down as consumption stays nearly unchanged despite lower production.



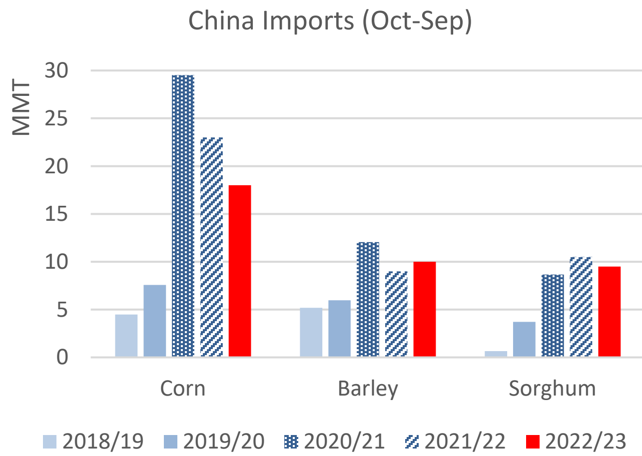


Selected Importers

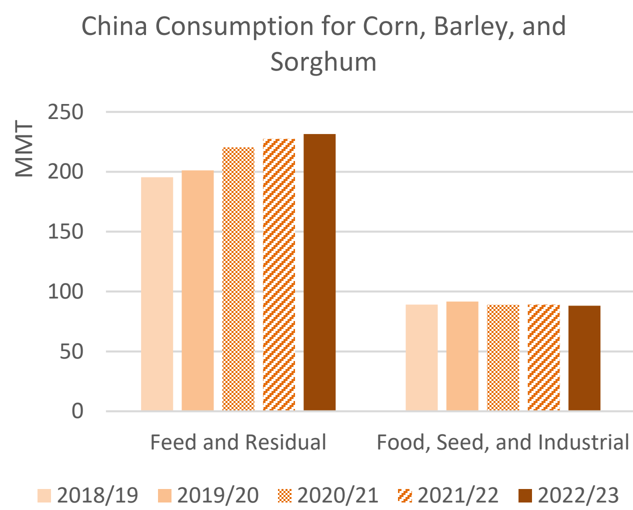
Country	Commodity	2021/22	2022/23	Y-Y Change	Reason
Canada	Corn	3,800	**2,500**	-1,300	Expected larger supplies of barley in western provinces
China	Barley	9,000	**10,000**	1,000	Larger exports from Canada
	Corn	23,000	**18,000**	-5,000	Expected smaller exports from the United States and Ukraine
	Sorghum	10,500	**9,500**	-1,000	Smaller exports from top suppliers
European Union	Corn	16,000	**15,000**	-1,000	Contraction in feed demand as high feed prices pressure margins
Iran	Corn	8,500	**9,500**	1,000	Top destination for Brazil corn
Japan	Corn	15,400	**15,200**	-200	Some rice substituted for corn in feed
Mexico	Corn	17,500	**17,700**	200	Expected growth in feed use
Saudi Arabia	Corn	3,800	**4,000**	200	Expected growth in feed use
Turkey	Barley	2,200	**800**	-1,400	Production rebounds
United Kingdom	Corn	2,500	**1,800**	-700	Declining aggregate feed demand, more wheat feeding
Vietnam	Corn	10,600	**12,000**	1,400	Larger supplies from Brazil



China imports of corn, barley, and sorghum are projected to total 37.5 million tons, down 12 percent from the revised 2021/22 estimate.



Corn imports are projected to fall due mainly to limited exports from the United States and Ukraine. U.S. supplies available for export are projected to be smaller than 2021/22, while Ukraine remains constrained in transporting corn and barley from the Black Sea ports. Ukraine has been a major supplier of corn along with the United States. **Barley** imports are forecast to grow from the revised 2021/22 estimate. Argentina, Canada, and the European Union are expected to play bigger roles in supplying China's demand in the near absence of Ukraine. Imports from Australia are expected to remain close to zero because of China's implementation of anti-dumping and countervailing duties in May 2020. **Sorghum** imports decline reflecting smaller exports from the top exporters of Argentina, Australia, and the United States.

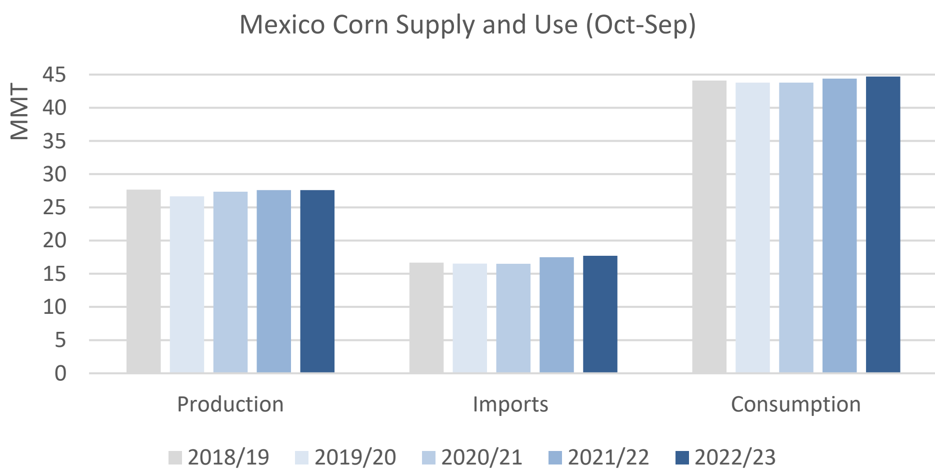


In the China domestic market, corn for feed use is forecast to expand supported by competitive prices relative to other grains. The category for food, seed, and industrial use is forecast to decline from the revised 2021/22 estimate, reflecting the government policy that limits corn use for fuel ethanol amid concerns over rising food prices.

Imports of corn by **South Korea** and **Japan** are expected to fall slightly in 2022/23 with both countries down 200,000 tons from the prior year. Global supplies are forecast to be tighter. In Japan, some rice feeding is anticipated to substitute for corn feeding. **Taiwan** is expected to be unchanged at 4.4 million tons in 2022/23.

European Union corn is forecast at 15.0 million tons, down 1.0 million from last year. Exports from Ukraine are expected to be limited as a consequence of Russia's invasion. However, supplies from Brazil, the European Union's other major supplier, are forecast to be substantial and imported corn will likely be price competitive against feed wheat. Aggregate feed demand is expected to decline slightly as high feed costs erode margins and pressure livestock production.

Mexico corn imports are projected at a record 17.7 million tons, up slightly from the revised 2021/22 estimate on growing feed demand. The poultry sector has been the major user of yellow corn in recent years and continues to expand and modernize. Although Mexico is projected to be the seventh-largest producer of corn, mostly white, the country depends on imports of yellow corn predominantly for feed use. Efforts to boost production have yet to result in appreciable gains. Mexico remains a top destination for U.S. corn and at the end of April, 1.7 million tons were already slated for delivery during 2022/23, the largest volume in 5 years. Import demand for sorghum is expected to remain small with expected larger production.



Of North African countries, **Egypt** corn is forecast at 9.2 million tons, the same level as the revised 2021/22 estimate. Relatively small imports reflect forecast record production for 2021/22 and 2022/23. Feed demand in the poultry sector, a major user for corn, is expected to remain steady. For **Morocco**, corn is forecast to be at the same level as 2021/22, while barley is expected to grow modestly. Unfavorable weather conditions in the spring have severely damaged the barley crop, the major feed grain grown in the country. Combined corn and barley imports are expected to grow slightly.

Of the countries in the Middle East, **Iran** is projected to expand corn and barley imports from the revised 2021/22 estimates. The country has been a key destination for corn from Brazil and Russia. For barley, Russia, Kazakhstan, and the European Union have been major suppliers. For **Turkey**, barley production is forecast to rebound to historical levels, sharply alleviating the need for imports. Corn imports, however, are expected to grow modestly supported by strong demand for feed. Combined imports (corn + barley) are forecast down 24 percent from 2021/22. For **Saudi Arabia**, barley imports are projected at 5.5 million tons, the same level as the revised 2021/22 estimate, reflecting smaller exports for Australia and the EU. If realized, these would be the lowest levels since 2000/01. Corn imports are forecast to grow slightly. Combined, imports of corn and barley are forecast up 2 percent from 2021/22.

Vietnam corn is up 1.4 million tons to 12.0 million as supplies from Brazil are expected to recover and exports from Argentina are anticipated to be strong. In 2021/22, rising commodity prices and a smaller-than-expected *safrinha* crop in Brazil's MY 2020/21 (March 2021 – February 2022) limited Vietnam corn imports and interrupted a decade of year-over-year growth in feed and residual use. Vietnam is forecast to be the fifth-largest importer of corn in the world in 2022/23.

Selected Exporters

Country	Commodity	2021/22	2022/23	Y-Y Change	Reason
Argentina	Barley	3,600	**3,700**	**100**	Continued prospects to China
	Corn	42,500	**41,000**	**-1,500**	Exports expected to be lighter during Oct-Feb, but strong after harvest in March 2023
	Sorghum	2,500	**2,300**	**-200**	
Australia	Barley	9,000	**6,500**	**-2,500**	Smaller crops
	Sorghum	1,900	**1,100**	**-800**	
Brazil	Corn	34,000	**46,500**	**12,500**	Record crop
Canada	Barley	1,800	**3,500**	**1,700**	Large crop and prospects to China
European Union	Corn	5,200	**4,700**	**-500**	Smaller crop in Romania
India	Corn	3,300	**2,400**	**-900**	Smaller crop and growth in domestic feed use
Paraguay	Corn	1,500	**2,100**	**600**	Recovery in production
Russia	Barley	4,500	**6,000**	**1,500**	Larger production
Serbia	Corn	1,000	**100**	**-900**	Export ban
South Africa	Corn	3,500	**3,700**	**200**	Near record crop
Ukraine	Barley	2,800	**2,000**	**-800**	Smaller crops and export constraints from Russia's invasion
	Corn	23,000	**9,000**	**-14,000**	
United States	Corn	63,500	**62,000**	**-1,500**	Smaller crops from lower area
	Sorghum	7,800	**7,300**	**-500**	

U.S. corn is down 1.5 million tons to 62.0 million on lower production, primarily on lower area, and relatively firm domestic use for ethanol. However, U.S. corn will be in demand to fill the gap left by constrained Ukraine exports. **Sorghum** is also down 500,000 tons to 7.3 million as area and production decline as well. Despite lower exportable supplies, demand from China is expected to persist.

Argentina corn is forecast down 1.5 million tons to 41.0 million, but, if realized, would still be the second-largest export volume behind 2021/22. **Barley** and **sorghum** exports are expected to remain robust, particularly to China, as Australia supplies of both grains are smaller than last year.

Brazil corn is forecast higher as another year of record production and strong global demand support record export volumes.

India corn is down 900,000 tons to 2.4 million under expectations of a smaller crop. Exports picked up beginning in the middle of 2020 and have since maintained a strong pace. India corn exports have mostly been destined regionally, with Bangladesh, Vietnam, and Nepal as the primary markets. High global corn prices and several years of high production have contributed to this expansion in exports. The smaller crop in 2022/23 and firm domestic feed demand will dampen exports for the outyear.

Ukraine corn is down 14.0 million tons to 9 million and barley is down 800,000 tons to 2.0 million on expectations of lower production and export difficulties as a result of Russia's invasion. Damage to export terminals and transportation infrastructure, worker availability, and safety of shipping routes are among the factors that are expected to limit Ukraine's ability to export grain in 2022/23.

European Union corn is down 500,000 tons to 4.7 million, reflecting smaller production in southeastern Europe. **Barley** is forecast down 200,000 tons to 7.3 million.

Canada barley is projected up sharply with a rebound in production and prospects to China. With the punitive duties on Australian barley and the ongoing conflict in the Black Sea, Canada is expected to expand its market share in China. Exports of **oats** are also expected to rebound supported by a large crop. If realized, production at 4.6 million tons would be the largest since 2007/08. The United States has been the top destination for oats, typically accounting for about 80 percent of Canada's exports.

Australia barley is down 2.5 million tons to 6.5 million, reflecting lower production. Australia has diversified its barley export destinations since China's implementation of anti-dumping and countervailing duties in May 2020. Saudi Arabia and countries in Southeast Asia have emerged as major markets, but lower production will impact supplies available for export in 2022/23.

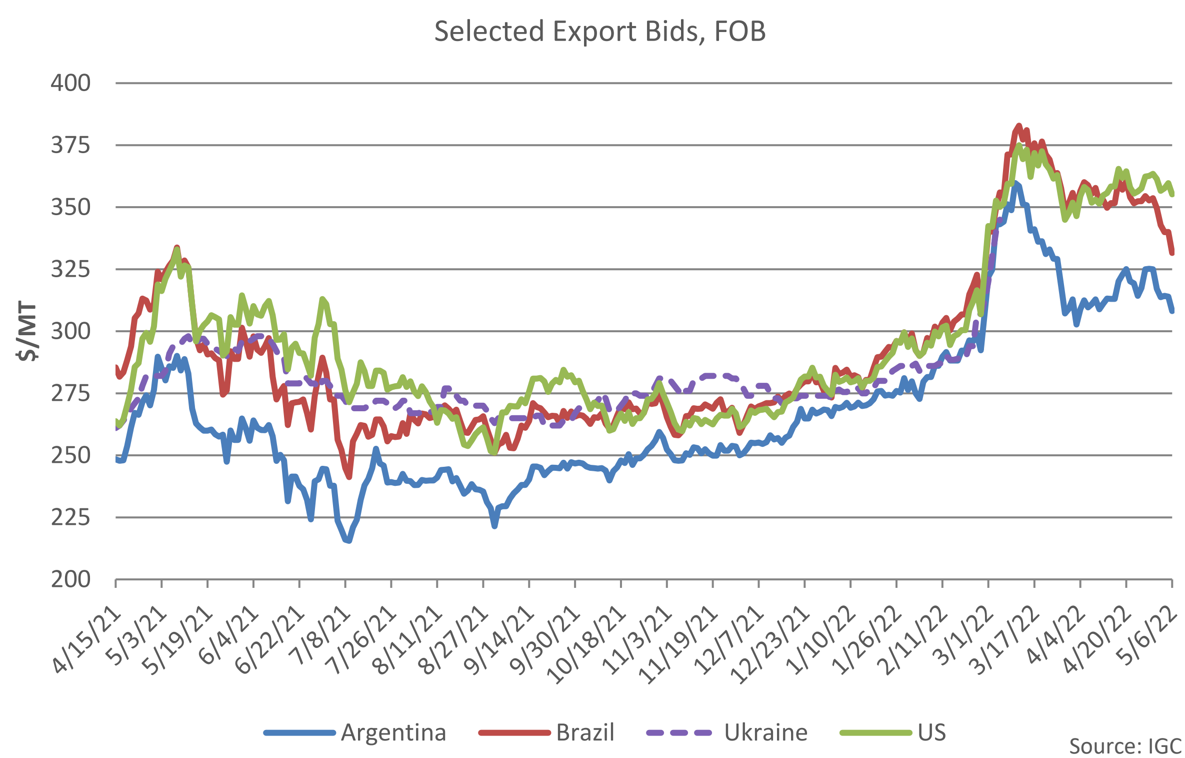
South Africa corn is projected at a record 3.7 million tons for 2022/23 based on another bumper crop. Projected production at 17.3 million tons, if realized, would be the second largest crop on record. The previous record was 17.6 million tons in 2016/17. The country's crop has increased each year since 2019/20, but domestic use has grown slowly, resulting in large available supplies for export. The country is a perennial supplier of white corn to neighboring countries, while yellow corn exports have reached markets in Asia and Europe when supplies were abundant.

OVERVIEW FOR 2021/22

Global corn production is forecast higher as larger crops for Egypt, Nigeria, and Pakistan more than offset cuts to Bangladesh and Laos. Global imports are down with smaller forecasts for Vietnam and Egypt more than offsetting raises for the European Union and Mexico. Global exports are up marginally with higher forecasts for Burma and the European Union more than offsetting a cut to Mexico. The U.S. season-average farm price is up 10 cents to $5.90 per bushel.

CORN PRICES

Global: Since the April WASDE, Argentine and U.S. bids were little changed, though Brazilian bids moved lower. Publication of Ukrainian bids remains suspended as a result of Russia's invasion. U.S. bids were unchanged at $355/ton. Corn planting progress in the United States has been slow, hampered by cold and wet weather in the Midwest. Demand from China is expected to be strong, especially with the absence of its other major supplier Ukraine, but U.S. corn will be competing against large upcoming South American crops. Brazilian bids were down $25/ton to $331 on harvest pressure. Though dry conditions have trimmed *safrinha* yield prospects in the Center-West, favorable rainfall in southern producing states and higher area are expected to offset this dryness. Overall production and marketing year (Mar/Feb) exports are still forecast at a record. Argentine bids, like U.S. bids, were little changed, down just $1/ton to $308.



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

Country	Commodity	Attribute	Previous	Current	Change	Reason
Australia	Sorghum	Exports	1,600	**1,900**	**300**	Larger crop
Burma	Corn	Exports	1,800	**2,450**	**650**	Larger crop and ASEAN trade
China	Barley	Imports	10,500	**9,000**	**-1,500**	Limited volumes from Ukraine
Cuba	Corn	Imports	800	**600**	**-200**	Trade to date
Egypt	Corn	Imports	9,700	**9,200**	**-500**	Record production curbs import demand
European Union	Corn	Exports	4,900	**5,200**	**300**	Pace of trade per customs surveillance
	Corn	Imports	15,000	**16,000**	**1,000**	
Guatemala	Corn	Imports	1,700	**1,500**	**-200**	Pace to date
Iran	Barley	Imports	2,600	**2,200**	**-400**	Pace to date from major suppliers
Japan	Corn	Imports	15,600	**15,400**	**-200**	Trade to date
Mexico	Corn	Exports	600	**400**	**-200**	Pace to date
	Corn	Imports	17,300	**17,500**	**200**	Pace to date, mainly from the United States
Saudi Arabia	Barley	Imports	5,900	**5,500**	**-400**	Pace to date
Thailand	Barley	Imports	800	**500**	**-300**	Trade to date
Ukraine	Barley	Exports	5,800	**2,800**	**-3,000**	Constrained exports Jul-Sep
United Kingdom	Barley	Exports	1,000	**800**	**-200**	Trade to date
	Corn	Imports	2,700	**2,500**	**-200**	
United States	Sorghum	Exports	8,000	**7,800**	**-200**	Pace to date
Venezuela	Corn	Imports	1,200	**1,000**	**-200**	Smaller-than-anticipated trade with Mexico
Vietnam	Corn	Imports	11,500	**10,600**	**-900**	Trade to date

The following country is added to the PSD database for 2017/18 onward:

Barley – Philippines

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 (2022/23 starts in 2022); except for summer grains in certain Southern Hemisphere countries and for rice in selected countries, where the second year begins the MY (2022/23 starts in 2023). 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 2022/23 corresponds to Jan – Dec 2023).

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, field crops 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. Further information may be obtained by writing the Division or telephoning (202) 720-3448.

Note: For further details on world grain production, please see World Agricultural Production May 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

		Wheat			Rice, Milled			Corn		
	Marketing Year	2020/21	2021/22	2022/23	2020/21	2021/22	2022/23	2020/21	2021/22	2022/23
Production										
United States	(Jun-May)	49.8	44.8	47.1	7.2	6.1	5.8	358.4	383.9	367.3
Other		725.9	734.5	727.7	502.1	506.8	508.8	770.6	831.7	813.4
World Total		775.7	779.3	774.8	509.3	512.9	514.6	1,129.0	1,215.6	1,180.7
Domestic Consumption										
United States	(Jun-May)	30.5	30.6	30.2	4.8	4.7	4.5	306.5	315.9	309.0
Other		743.9	756.8	753.7	494.3	505.2	512.4	839.4	866.7	870.1
World Total		774.4	787.4	783.9	499.1	509.9	516.9	1,145.9	1,182.6	1,179.1
Ending Stocks										
United States	(Jun-May)	23.0	17.8	16.8	1.4	1.2	1.1	31.4	36.6	34.5
Other		268.2	261.9	250.2	186.4	188.9	185.2	261.8	272.8	270.6
World Total		291.2	279.7	267.0	187.8	190.1	186.3	293.2	309.4	305.1
TY Imports										
United States	(Jun-May)	2.7	2.7	3.2	1.0	1.1	1.2	0.6	0.7	0.7
Other		192.8	194.8	198.0	48.8	50.0	51.4	179.8	182.2	176.7
World Total		195.5	197.5	201.2	49.8	51.1	52.6	180.4	182.9	177.4
TY Exports										
United States	(Jun-May)	26.7	21.8	21.0	2.9	2.7	2.7	68.6	63.5	62.0
Other		172.7	179.8	184.3	48.9	49.9	51.6	115.6	127.0	121.2
World Total		199.4	201.6	205.3	51.8	52.6	54.3	184.2	190.5	183.2

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	2022/23 May
TY Exports						
Argentina	14,000	12,680	13,608	9,597	16,000	14,000
Australia	15,512	9,835	10,118	19,720	27,000	25,000
Brazil	245	594	408	911	3,200	2,800
Canada	22,019	24,475	22,991	27,723	15,500	24,000
European Union	24,895	24,686	39,788	29,740	31,000	36,000
India	517	494	595	3,597	10,000	8,000
Kazakhstan	8,519	8,780	6,888	8,128	7,000	8,000
Russia	41,447	35,863	34,485	39,100	33,000	39,000
Turkey	6,725	6,676	6,633	6,571	6,500	6,750
Ukraine	17,775	16,019	21,016	16,851	19,000	10,000
Others	12,080	11,827	11,591	10,803	11,633	10,704
Subtotal	163,734	151,929	168,121	172,741	179,833	184,254
United States	23,230	26,202	26,390	26,702	21,750	21,000
World Total	186,964	178,131	194,511	199,443	201,583	205,254
TY Imports						
Afghanistan	3,300	3,700	3,000	3,400	3,200	3,400
Algeria	8,172	7,515	7,145	7,680	7,800	7,900
Bangladesh	6,472	5,100	6,800	7,200	7,500	7,500
Brazil	6,702	7,442	7,063	6,359	6,500	6,400
China	3,937	3,145	5,376	10,618	9,700	9,500
Colombia	1,952	1,705	2,276	1,906	2,000	2,200
Egypt	12,407	12,354	12,811	12,149	12,000	11,000
European Union	6,060	5,763	5,551	5,379	4,500	5,000
Indonesia	10,763	10,934	10,586	10,649	11,000	11,200
Iran	190	170	2,500	2,200	7,200	5,500
Iraq	4,264	4,031	2,242	2,175	2,600	3,500
Japan	5,876	5,726	5,683	5,493	5,400	5,300
Kenya	2,158	2,000	2,500	2,092	2,000	2,200
Korea, South	4,269	3,908	3,941	3,889	4,700	4,200
Mexico	5,245	4,861	5,080	4,724	5,100	5,200
Morocco	3,672	3,724	4,879	5,191	5,200	7,000
Nigeria	5,162	4,659	5,338	6,586	6,200	6,500
Peru	2,030	2,109	2,153	2,240	2,000	2,100
Philippines	6,059	7,570	7,065	6,113	6,300	6,300
Saudi Arabia	3,492	2,902	3,652	2,818	3,600	3,000
Thailand	3,173	2,899	3,501	3,306	2,500	2,700
Turkey	6,092	6,515	11,087	8,051	9,300	10,000
Uzbekistan	3,119	2,837	2,746	3,758	3,200	3,500
Vietnam	4,709	3,500	3,570	3,900	4,100	3,900
Yemen	3,010	3,675	3,728	4,043	3,400	3,700
Others	56,354	52,152	56,343	60,866	57,859	59,295
Subtotal	178,639	170,896	186,616	192,785	194,859	197,995
Unaccounted	3,951	3,740	5,062	3,969	4,074	4,059
United States	4,374	3,495	2,833	2,689	2,650	3,200
World Total	186,964	178,131	194,511	199,443	201,583	205,254

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	2022/23 May
Production						
Argentina	18,500	19,500	19,750	17,640	22,150	20,000
Australia	20,941	17,598	14,480	33,300	36,300	30,000
Brazil	4,264	5,428	5,200	6,250	7,700	8,500
Canada	30,377	32,352	32,670	35,183	21,652	33,000
China	134,241	131,441	133,600	134,250	136,946	135,000
Egypt	8,450	8,450	8,770	8,900	9,000	9,800
European Union	136,681	123,124	138,799	126,694	138,418	136,500
India	98,510	99,870	103,600	107,860	109,586	108,500
Iran	12,700	14,500	15,550	15,000	12,000	13,200
Kazakhstan	14,802	13,947	11,452	14,256	11,814	13,000
Pakistan	26,674	25,076	24,349	25,248	27,464	26,400
Russia	85,167	71,685	73,610	85,352	75,158	80,000
Turkey	21,000	19,000	17,500	18,250	16,000	17,500
Ukraine	26,981	25,057	29,171	25,420	33,007	21,500
United Kingdom	14,837	13,555	15,600	9,658	13,988	14,400
Others	60,061	59,029	64,927	62,706	63,314	60,478
Subtotal	714,186	679,612	709,028	725,967	734,497	727,778
United States	47,380	51,306	52,581	49,751	44,790	47,050
World Total	761,566	730,918	761,609	775,718	779,287	774,828
Total Consumption						
Algeria	10,450	10,750	10,950	11,150	11,370	11,570
Brazil	11,800	11,900	11,900	11,800	11,750	12,050
Canada	9,031	9,120	9,750	9,133	9,500	9,100
China	121,000	125,000	126,000	150,000	148,000	144,000
Egypt	19,800	20,100	20,300	20,600	20,500	20,600
European Union	113,500	106,300	107,250	104,750	109,000	108,500
India	95,677	95,629	95,403	102,217	107,911	105,000
Indonesia	10,600	10,600	10,300	10,300	10,600	10,900
Iran	15,900	16,100	17,200	17,400	18,200	17,900
Morocco	10,500	10,700	10,400	10,400	10,700	10,800
Pakistan	25,000	25,400	25,500	26,300	27,400	27,700
Russia	43,000	40,500	40,000	42,500	41,750	42,250
Turkey	18,300	18,800	20,000	20,600	20,200	20,700
Ukraine	9,800	8,800	8,300	8,700	10,000	11,200
United Kingdom	16,378	15,417	15,196	13,455	15,300	15,700
Others	180,629	177,124	181,559	184,665	184,567	185,711
Subtotal	712,815	704,290	715,606	751,943	760,146	757,311
United States	29,245	29,986	30,436	30,476	30,643	30,210
World Total	742,060	734,276	746,042	782,419	790,789	787,521
Ending Stocks						
China	129,508	138,088	150,015	144,120	141,916	141,516
European Union	17,897	15,798	13,110	10,693	13,611	10,611
India	13,230	16,992	24,700	27,800	21,350	16,375
Iran	6,766	4,936	4,786	4,336	4,286	4,686
Pakistan	4,820	2,533	991	3,056	4,520	4,420
Russia	12,010	7,778	7,228	11,380	12,088	11,138
Ukraine	1,238	1,555	1,504	1,505	5,612	6,012
Others	70,335	65,287	67,601	65,328	58,510	55,428
Subtotal	255,804	252,967	269,935	268,218	261,893	250,186
United States	29,907	29,386	27,985	23,001	17,824	16,838
World Total	285,711	282,353	297,920	291,219	279,717	267,024

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22	May 2022/23
TY Imports						
North America	10,071	8,832	8,589	7,962	8,350	9,000
Central America	1,910	1,928	2,074	2,147	2,150	2,300
South America	15,320	14,955	15,537	15,246	15,019	15,370
European Union	6,060	5,763	5,551	5,379	4,500	5,000
Other Europe	4,081	4,663	3,533	4,799	4,055	3,760
Former Soviet Union - 12	7,901	7,841	8,034	9,416	9,425	9,350
Middle East	25,517	24,687	31,100	27,178	34,560	34,710
North Africa	27,441	26,956	27,991	28,246	28,000	29,200
Sub-Saharan Africa	25,311	22,572	26,953	26,581	25,050	26,510
East Asia	16,533	15,011	17,270	22,206	21,770	20,980
South Asia	12,137	10,059	11,307	16,137	14,510	14,485
Southeast Asia	27,255	27,757	27,561	26,704	26,720	27,000
Others	3,476	3,367	3,949	3,473	3,400	3,530
Total	183,013	174,391	189,449	195,474	197,509	201,195
Production						
North America	81,251	86,658	88,521	87,899	69,723	83,320
South America	25,900	28,857	28,770	27,832	33,840	32,775
European Union	136,681	123,124	138,799	126,694	138,418	136,500
Other Europe	18,812	18,129	19,831	14,083	18,627	19,040
Former Soviet Union - 12	142,356	123,432	129,099	139,464	134,119	128,545
Middle East	40,285	38,879	43,246	43,372	34,495	37,590
North Africa	19,245	21,002	18,399	15,810	20,431	17,250
Sub-Saharan Africa	7,407	8,283	8,431	9,456	9,369	9,831
East Asia	135,552	132,834	135,199	135,744	138,743	136,821
South Asia	132,595	131,655	136,335	141,509	144,681	142,601
Oceania	21,346	17,969	14,878	33,754	36,741	30,455
Others	136	96	101	101	100	100
Total	761,566	730,918	761,609	775,718	779,287	774,828
Domestic Consumption						
North America	45,976	46,606	47,586	46,809	47,543	46,810
South America	28,748	28,695	29,465	29,685	29,885	30,650
European Union	113,500	106,300	107,250	104,750	109,000	108,500
Other Europe	21,418	20,697	20,421	18,725	20,590	21,115
Former Soviet Union - 12	81,395	76,435	75,610	78,745	78,760	80,660
Middle East	59,505	59,939	62,900	64,342	64,005	64,670
North Africa	45,225	46,100	46,250	46,720	47,120	47,720
Sub-Saharan Africa	31,887	30,319	32,975	34,583	33,705	34,935
East Asia	134,285	137,750	138,638	162,368	161,151	156,320
South Asia	138,550	138,996	139,880	148,436	155,587	153,301
Southeast Asia	26,395	26,165	26,355	26,030	26,185	26,020
Oceania	9,905	10,610	9,410	9,435	9,955	9,025
Others	3,821	3,614	3,704	3,818	3,905	4,165
Total	740,610	732,226	740,444	774,446	787,391	783,891
Ending Stocks						
North America	37,407	36,030	33,869	28,929	21,185	20,819
South America	4,867	5,826	6,733	6,605	5,915	5,601
European Union	17,897	15,798	13,110	10,693	13,611	10,611
Other Europe	3,085	3,224	3,850	2,497	2,864	3,019
Former Soviet Union - 12	21,055	14,883	13,091	17,989	21,963	21,088
Middle East	18,197	14,272	17,669	16,651	13,438	13,498
North Africa	14,871	15,537	14,357	11,142	12,048	10,273
Sub-Saharan Africa	3,391	2,926	4,220	4,486	4,039	4,280
East Asia	132,655	141,028	153,011	147,013	144,675	144,426
South Asia	21,313	21,466	28,203	34,242	29,066	23,941
Southeast Asia	5,679	6,186	6,240	5,728	5,103	4,938
Oceania	4,897	4,769	3,029	4,640	5,161	3,851
Others	397	408	538	604	649	679
Total	285,711	282,353	297,920	291,219	279,717	267,024

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	2022/23 May
TY Exports						
Argentina	375	388	335	400	320	320
Australia	262	134	42	72	250	280
Brazil	1,245	954	1,240	782	780	650
Burma	2,750	2,700	2,300	1,900	2,100	2,100
Cambodia	1,300	1,350	1,350	1,850	1,400	1,400
China	2,059	2,720	2,265	2,407	2,250	2,400
European Union	527	506	543	413	440	420
Guyana	448	511	552	406	440	450
India	11,791	9,813	14,577	21,238	21,000	22,000
Pakistan	3,913	4,550	3,934	3,928	4,350	4,600
Paraguay	653	689	803	640	640	700
Thailand	11,213	7,562	5,706	6,062	7,000	7,500
Turkey	213	202	234	241	230	230
Uruguay	802	809	969	704	820	850
Vietnam	6,590	6,581	6,167	6,272	6,500	6,400
Others	1,371	1,309	1,486	1,609	1,417	1,305
Subtotal	45,512	40,778	42,503	48,924	49,937	51,605
United States	2,776	3,142	2,858	2,915	2,700	2,650
World Total	48,288	43,920	45,361	51,839	52,637	54,255
TY Imports						
Brazil	575	691	876	685	800	850
China	4,500	2,800	3,200	4,921	5,200	6,000
Cote d'Ivoire	1,500	1,350	1,100	1,450	1,450	1,500
Egypt	230	665	309	326	800	950
Ethiopia	600	520	700	850	950	950
European Union	1,628	1,794	1,993	1,861	2,100	2,200
Ghana	830	900	850	1,050	950	1,000
Guinea	865	530	670	940	800	800
Indonesia	2,350	600	550	650	750	650
Iran	1,250	1,400	1,125	875	1,200	1,200
Iraq	1,237	1,263	970	1,280	1,250	1,350
Japan	670	678	676	662	685	685
Madagascar	390	440	450	560	700	750
Malaysia	800	1,000	1,220	1,150	1,200	1,200
Mali	250	300	300	300	800	700
Mexico	776	740	843	759	800	820
Mozambique	530	635	655	700	700	760
Nepal	700	620	980	1,240	1,350	1,400
Nigeria	2,100	1,800	1,800	2,100	2,200	2,200
Philippines	2,500	2,900	2,450	2,950	3,000	3,000
Saudi Arabia	1,290	1,425	1,613	1,200	1,400	1,400
Senegal	1,100	1,000	1,050	1,250	1,250	1,250
South Africa	1,071	944	1,000	1,000	1,000	1,025
United Arab Emirates	775	850	850	750	900	1,000
United Kingdom	536	587	654	600	650	660
Others	16,340	14,933	15,758	18,689	17,078	17,129
Subtotal	45,393	41,365	42,642	48,798	49,963	51,429
Unaccounted	1,979	1,573	1,509	2,062	1,574	1,626
United States	916	982	1,210	979	1,100	1,200
World Total	48,288	43,920	45,361	51,839	52,637	54,255

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	2022/23 May
Milled Production						
Bangladesh	32,650	34,909	35,850	34,600	35,850	36,000
Brazil	8,204	7,140	7,602	8,001	7,140	7,100
Burma	13,200	13,200	12,650	12,600	12,352	12,500
Cambodia	5,554	5,742	5,740	5,783	5,862	5,940
China	148,873	148,490	146,730	148,300	148,990	149,000
India	112,760	116,480	118,870	124,370	129,000	130,000
Indonesia	37,000	34,200	34,700	34,500	34,400	34,600
Japan	7,787	7,657	7,611	7,573	7,640	7,550
Korea, South	3,972	3,868	3,744	3,507	3,882	3,772
Nepal	3,431	3,736	3,696	3,743	3,417	3,665
Nigeria	4,470	5,294	5,314	5,148	5,255	5,355
Pakistan	7,450	7,202	7,414	8,420	8,700	8,900
Philippines	12,235	11,732	11,927	12,416	12,474	12,411
Thailand	20,577	20,340	17,655	18,863	19,650	19,800
Vietnam	27,657	27,344	27,100	27,381	27,331	27,400
Others	43,370	43,779	46,581	46,885	44,823	44,837
Subtotal	489,190	491,113	493,184	502,090	506,766	508,830
United States	5,659	7,107	5,877	7,224	6,090	5,801
World Total	494,849	498,220	499,061	509,314	512,856	514,631
Consumption and Residual						
Bangladesh	35,200	35,400	35,700	36,100	36,500	36,800
Brazil	7,650	7,350	7,300	7,350	7,300	7,200
Burma	10,200	10,250	10,400	10,500	10,500	10,500
Cambodia	4,200	4,300	4,350	4,300	4,400	4,500
China	142,509	142,920	145,230	150,293	155,440	156,600
Egypt	4,200	4,200	4,300	4,300	4,250	4,100
India	98,669	99,160	101,950	101,071	103,500	107,000
Indonesia	37,000	36,300	36,000	35,400	35,200	35,050
Japan	8,600	8,400	8,350	8,200	8,200	8,150
Nepal	4,101	4,376	4,521	4,971	4,717	5,065
Nigeria	6,750	6,950	7,050	7,150	7,250	7,450
Pakistan	3,350	3,200	3,400	3,800	4,100	4,400
Philippines	13,250	14,100	14,300	14,450	15,200	15,350
Thailand	11,000	11,800	12,300	12,700	13,000	13,100
Vietnam	21,500	21,200	21,250	21,450	21,500	21,550
Others	68,639	70,476	71,977	72,202	74,194	75,586
Subtotal	477,366	480,363	489,435	498,720	505,917	513,899
United States	4,299	4,577	4,586	4,847	4,683	4,541
World Total	481,665	484,940	494,021	503,567	510,600	518,440
Ending Stocks						
China	109,000	115,000	116,500	116,500	113,000	109,000
India	22,600	29,500	33,900	37,000	41,500	42,500
Indonesia	5,563	4,063	3,313	3,060	3,010	3,210
Pakistan	1,431	948	1,149	1,899	2,154	2,061
Philippines	2,288	3,520	3,597	3,763	4,237	4,298
Thailand	2,852	4,080	3,979	4,280	4,130	3,530
Vietnam	1,034	1,097	1,180	2,639	2,770	2,820
Others	18,041	17,390	17,534	17,281	18,074	17,784
Subtotal	162,809	175,598	181,152	186,422	188,875	185,203
United States	933	1,424	910	1,387	1,190	1,053
World Total	163,742	177,022	182,062	187,809	190,065	186,256

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	2021/22	May 2022/23
TY Imports						
North America	2,075	2,143	2,530	2,147	2,345	2,470
Caribbean	1,067	1,076	1,211	1,003	1,130	1,155
South America	1,994	1,940	2,290	1,753	1,992	2,165
Other Europe	647	707	777	710	775	785
Former Soviet Union - 12	555	569	517	585	569	635
Middle East	6,655	7,208	6,957	6,159	7,040	7,270
North Africa	591	1,022	575	595	1,085	1,225
Sub-Saharan Africa	14,589	13,815	14,315	15,945	16,890	17,270
East Asia	6,141	4,404	4,805	6,562	6,915	7,705
South Asia	2,644	951	1,405	4,369	2,805	2,657
Southeast Asia	6,795	5,815	5,399	7,239	6,432	6,132
European Union	1,628	1,794	1,993	1,861	2,100	2,200
Total	46,309	42,347	43,852	49,777	51,063	52,629
Production						
North America	5,842	7,295	6,052	7,425	6,273	5,989
Caribbean	932	1,010	957	886	871	881
South America	16,945	15,963	16,238	17,068	16,004	16,116
European Union	1,923	1,843	1,888	1,825	1,717	1,740
Former Soviet Union - 12	1,236	1,271	1,414	1,427	1,348	1,188
Middle East	2,658	2,616	2,950	2,896	2,691	2,840
North Africa	4,340	2,844	4,345	4,042	2,945	2,942
Sub-Saharan Africa	17,580	20,117	20,742	20,595	20,694	20,506
East Asia	163,420	162,732	161,159	162,004	163,072	162,879
South Asia	158,759	165,688	169,414	174,866	180,231	181,890
Southeast Asia	120,044	116,064	113,198	115,244	115,800	116,402
Total	494,849	498,220	499,061	509,314	512,856	514,631
Domestic Consumption						
North America	5,577	5,911	5,982	6,219	6,063	5,946
Central America	1,342	1,358	1,385	1,340	1,380	1,397
Caribbean	1,984	2,111	2,021	1,945	1,996	2,016
South America	15,025	14,855	14,862	14,953	14,993	15,033
European Union	3,121	3,246	3,394	3,400	3,450	3,450
Former Soviet Union - 12	1,603	1,574	1,641	1,717	1,691	1,701
Middle East	9,018	9,207	9,426	9,112	9,340	9,685
North Africa	4,620	4,591	4,604	4,625	4,580	4,417
Sub-Saharan Africa	31,725	33,628	34,458	35,433	36,613	37,456
East Asia	159,061	158,933	161,013	165,430	170,590	171,700
South Asia	144,670	145,573	149,359	149,887	153,057	157,695
Southeast Asia	102,274	102,952	103,718	103,951	105,026	105,276
Total	481,117	484,959	492,964	499,084	509,934	516,942
Ending Stocks						
North America	1,080	1,574	1,081	1,591	1,397	1,278
Central America	307	323	339	221	274	273
Caribbean	275	303	327	329	319	329
South America	2,297	1,925	1,534	2,048	1,758	1,826
European Union	1,046	931	899	662	589	659
Middle East	1,004	1,183	1,732	1,437	1,578	1,773
North Africa	1,563	949	1,232	1,150	695	440
Sub-Saharan Africa	3,192	3,597	3,077	3,130	3,526	3,466
East Asia	113,196	118,766	120,224	120,051	116,883	113,042
South Asia	25,847	32,370	37,257	41,144	46,656	46,990
Southeast Asia	13,557	14,880	14,112	15,650	15,926	15,684
Oceania	232	52	15	118	178	278
Total	163,742	177,022	182,062	187,809	190,065	186,256

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	2022/23 May
TY Exports						
Argentina	27,208	36,134	42,943	40,977	48,602	47,001
Australia	7,156	4,049	3,627	9,705	11,575	8,175
Brazil	25,121	38,812	34,141	27,504	34,025	46,525
Burma	1,350	1,500	2,209	2,400	2,450	2,450
Canada	5,753	5,805	5,278	7,221	5,050	7,250
European Union	8,885	10,412	13,492	12,552	13,015	12,270
India	1,200	537	1,158	3,735	3,352	2,455
Russia	11,379	7,402	9,292	9,871	9,200	10,450
South Africa	2,368	1,191	2,465	2,756	3,514	3,710
Ukraine	21,438	34,874	34,088	29,049	26,080	11,030
Others	11,524	14,542	13,331	13,659	9,176	7,778
Subtotal	123,382	155,258	162,024	159,429	166,039	159,094
United States	68,633	51,838	52,589	76,014	71,465	69,485
World Total	192,015	207,096	214,613	235,443	237,504	228,579
TY Imports						
Algeria	4,492	5,284	5,672	4,977	5,010	4,810
Bangladesh	1,145	1,385	2,010	1,847	2,010	2,208
Brazil	1,527	1,797	1,995	2,679	3,001	1,800
Canada	1,837	2,570	1,972	1,871	3,967	2,542
Chile	1,976	2,431	2,838	2,557	2,530	2,595
China	16,425	10,540	17,480	50,531	42,850	37,850
Colombia	5,582	6,390	6,285	6,132	6,380	6,301
Egypt	9,541	9,568	10,444	9,653	9,220	9,210
European Union	19,311	26,290	18,675	15,820	17,240	16,085
Iran	11,600	12,200	9,100	10,900	10,700	12,000
Israel	2,145	1,896	2,397	1,995	1,890	1,880
Japan	17,563	17,726	17,633	16,980	16,920	16,670
Jordan	1,422	1,666	1,506	1,487	1,800	1,800
Korea, South	10,192	10,964	11,978	11,804	11,815	11,600
Malaysia	3,668	3,690	3,806	3,726	3,820	3,825
Mexico	16,396	17,415	17,576	17,301	18,250	18,470
Morocco	2,647	3,028	4,052	2,938	3,257	3,312
Peru	3,462	3,875	4,090	3,851	4,180	4,255
Saudi Arabia	11,692	9,368	11,825	9,128	9,310	9,510
Taiwan	4,513	4,610	4,660	4,472	4,485	4,480
Thailand	847	1,406	2,287	2,889	2,300	2,200
Tunisia	1,635	1,418	1,660	1,874	1,600	1,650
Turkey	4,184	4,044	4,011	3,428	5,050	3,800
United Kingdom	2,631	3,087	2,674	2,934	2,656	1,952
Vietnam	9,577	11,033	12,198	11,947	11,300	12,700
Others	21,813	23,037	24,596	23,947	24,909	25,409
Subtotal	187,823	196,718	203,420	227,668	226,450	218,914
Unaccounted	1,266	7,753	8,201	5,245	8,583	7,014
United States	2,926	2,625	2,992	2,530	2,471	2,651
World Total	192,015	207,096	214,613	235,443	237,504	228,579

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	2022/23 May
Production						
Argentina	39,320	58,798	57,940	60,002	62,886	64,922
Australia	12,191	11,508	12,003	17,089	18,399	15,019
Brazil	85,058	104,334	105,815	90,321	120,621	130,536
Canada	26,243	26,203	28,611	29,644	24,214	29,805
China	265,719	265,006	269,067	269,083	280,852	279,300
Ethiopia	18,643	17,929	18,406	19,095	17,200	18,200
European Union	143,907	140,703	152,817	155,354	154,075	151,615
India	46,943	43,212	47,660	51,387	50,056	50,100
Indonesia	11,900	12,000	12,000	12,600	12,700	12,900
Mexico	33,191	33,470	32,095	32,662	33,350	33,495
Nigeria	18,869	19,600	21,304	20,895	21,392	21,500
Russia	41,715	34,998	40,495	41,396	38,538	41,925
South Africa	13,552	12,417	16,367	17,814	16,854	17,903
Turkey	12,271	13,251	14,451	15,761	11,581	13,571
Ukraine	34,071	44,503	46,545	39,585	53,514	26,560
Others	174,734	187,167	184,586	193,526	186,479	186,415
Subtotal	978,327	1,025,099	1,060,162	1,066,214	1,102,711	1,093,766
United States	384,387	377,905	359,434	372,887	398,707	382,104
World Total	1,362,714	1,403,004	1,419,596	1,439,101	1,501,418	1,475,870
Domestic Consumption						
Argentina	17,513	17,791	17,575	17,012	17,481	17,772
Brazil	67,181	70,983	72,844	73,855	78,036	81,986
Canada	23,126	24,114	24,930	24,647	23,788	24,750
China	282,598	287,812	296,210	313,107	320,250	323,250
Egypt	16,809	17,186	17,979	17,265	17,278	17,268
Ethiopia	18,556	18,161	18,451	19,144	17,725	18,325
European Union	152,900	158,504	158,938	159,288	157,563	155,383
India	44,769	44,571	45,775	47,546	47,040	48,800
Iran	15,820	16,520	14,620	15,320	15,620	16,221
Japan	17,642	17,953	17,867	17,290	17,251	16,951
Mexico	48,410	50,505	50,310	49,835	50,740	51,360
Nigeria	19,560	19,829	20,689	20,955	21,172	21,400
Russia	31,015	27,367	31,387	31,042	29,909	31,425
Turkey	15,361	16,651	17,761	18,051	17,201	17,181
Vietnam	13,777	14,333	14,750	17,200	15,950	16,300
Others	271,550	281,772	287,689	297,133	299,220	296,499
Subtotal	1,052,243	1,100,893	1,113,523	1,138,224	1,164,842	1,161,827
United States	324,417	322,984	320,728	315,700	324,759	318,121
World Total	1,376,660	1,423,877	1,434,251	1,453,924	1,489,601	1,479,948
Ending Stocks						
Brazil	9,707	5,671	5,821	4,601	5,162	8,487
Canada	4,563	3,288	3,983	3,609	2,952	3,299
China	222,994	210,660	200,956	207,455	210,857	204,707
European Union	16,235	14,505	14,157	14,642	15,429	15,476
Mexico	6,181	5,784	4,138	3,604	4,063	4,067
Serbia	448	753	727	956	1,378	3,780
Ukraine	2,908	2,043	2,550	1,654	7,768	9,151
Others	52,004	48,911	53,269	52,074	47,720	43,966
Subtotal	315,040	291,615	285,601	288,595	295,329	292,933
United States	57,919	60,471	51,830	34,013	39,096	37,414
World Total	372,959	352,086	337,431	322,608	334,425	330,347

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22	May 2022/23
TY Imports						
North America	21,159	22,610	22,540	21,702	24,688	23,663
Central America	4,001	4,352	4,904	4,739	5,250	5,400
Caribbean	2,446	2,379	2,275	2,399	2,523	2,573
South America	14,810	15,686	16,998	16,843	17,503	16,577
European Union	19,311	26,290	18,675	15,820	17,240	16,085
Former Soviet Union - 12	701	1,025	1,134	764	747	616
Middle East	35,950	34,061	34,003	32,866	34,151	34,401
North Africa	19,245	20,875	23,565	21,163	20,637	20,532
Sub-Saharan Africa	3,287	3,494	3,857	3,537	3,848	3,946
East Asia	48,740	43,904	51,829	83,826	76,120	70,645
Southeast Asia	15,558	17,880	19,968	20,201	19,887	21,370
Others	5,541	6,787	6,664	6,338	6,327	5,757
Total	190,749	199,343	206,412	230,198	228,921	221,565
Production						
North America	443,821	437,578	420,140	435,193	456,271	445,404
South America	139,418	178,754	178,266	164,345	198,116	211,109
European Union	143,907	140,703	152,817	155,354	154,075	151,615
Other Europe	15,514	18,625	20,815	21,796	18,227	19,154
Former Soviet Union - 12	88,881	93,534	101,435	94,637	104,973	81,066
Middle East	19,357	19,435	24,127	25,301	18,140	20,622
North Africa	11,474	13,260	11,240	9,767	12,839	11,634
Sub-Saharan Africa	119,200	123,553	123,744	133,252	127,311	128,939
East Asia	268,365	268,346	272,204	271,824	283,696	282,145
South Asia	60,229	57,684	64,131	69,566	68,663	68,334
Southeast Asia	34,851	34,879	33,540	35,880	35,575	35,830
Oceania	12,700	12,104	12,610	17,640	18,952	15,603
Others	4,997	4,549	4,527	4,546	4,580	4,415
Total	1,362,714	1,403,004	1,419,596	1,439,101	1,501,418	1,475,870
Domestic Consumption						
North America	395,953	397,603	395,968	390,182	399,287	394,231
South America	110,739	115,248	117,479	117,756	122,804	127,632
European Union	152,900	158,504	158,938	159,288	157,563	155,383
Other Europe	17,285	18,154	18,638	20,870	19,317	18,398
Former Soviet Union - 12	54,607	51,017	56,358	56,509	60,403	57,853
Middle East	54,733	54,897	56,220	56,037	54,597	55,019
North Africa	31,649	32,621	35,515	32,791	33,035	32,340
Sub-Saharan Africa	120,117	125,849	123,876	129,965	126,351	129,887
East Asia	317,259	324,394	333,535	349,451	356,549	359,024
South Asia	60,471	60,929	63,675	68,467	67,985	70,039
Southeast Asia	47,326	48,205	48,207	53,402	52,688	53,119
Oceania	6,482	8,139	8,310	7,846	8,113	7,638
Others	11,483	11,476	11,784	11,826	12,291	12,429
Total	1,381,004	1,407,036	1,428,503	1,454,390	1,470,983	1,472,992
Ending Stocks						
North America	68,663	69,543	59,951	41,226	46,111	44,780
South America	16,840	12,817	13,727	9,424	10,060	13,391
European Union	16,235	14,505	14,157	14,642	15,429	15,476
Other Europe	2,359	2,827	3,013	2,946	3,209	5,451
Former Soviet Union - 12	5,943	4,973	6,274	5,226	10,686	12,042
Middle East	7,199	5,566	6,520	6,328	5,112	4,726
North Africa	3,315	3,780	3,490	2,478	3,064	2,885
Sub-Saharan Africa	12,866	11,271	11,242	13,282	13,497	11,762
East Asia	227,462	215,242	205,707	211,898	215,115	208,831
South Asia	5,145	3,766	5,068	5,741	5,236	4,014
Southeast Asia	3,229	4,130	4,253	5,983	3,978	4,176
Oceania	2,391	2,516	3,098	2,547	1,994	1,935
Others	1,312	1,150	931	887	934	878
Total	372,959	352,086	337,431	322,608	334,425	330,347

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	2022/23 May
TY Exports						
Argentina	24,198	32,879	39,917	36,544	42,500	41,000
Brazil	25,116	38,773	34,137	27,492	34,000	46,500
Burma	1,350	1,500	2,209	2,400	2,450	2,450
Canada	1,973	1,719	712	1,592	1,800	1,600
European Union	2,732	4,273	5,388	3,735	5,200	4,700
India	1,076	482	1,125	3,677	3,300	2,400
Paraguay	1,476	2,559	2,081	2,563	1,500	2,100
Russia	5,532	2,770	4,072	3,989	4,500	4,300
South Africa	2,361	1,183	2,456	2,751	3,500	3,700
Ukraine	18,036	30,321	28,929	23,864	23,000	9,000
Others	6,864	7,882	7,711	7,075	5,260	3,477
Subtotal	90,714	124,341	128,737	115,682	127,010	121,227
United States	63,657	49,297	46,992	68,558	63,500	62,000
World Total	154,371	173,638	175,729	184,240	190,510	183,227
TY Imports						
Algeria	4,046	4,816	5,156	4,186	4,300	4,300
Bangladesh	1,145	1,358	2,003	1,838	2,000	2,200
Brazil	943	1,189	1,346	2,281	2,500	1,300
Canada	1,767	2,521	1,867	1,550	3,800	2,500
Chile	1,893	2,292	2,751	2,333	2,400	2,400
China	3,456	4,483	7,580	29,512	23,000	18,000
Colombia	5,201	6,048	5,976	5,795	6,000	6,000
Dominican Republic	1,329	1,536	1,354	1,495	1,500	1,550
Egypt	9,464	9,367	10,432	9,633	9,200	9,200
European Union	17,667	23,583	17,384	14,493	16,000	15,000
Guatemala	1,091	1,224	1,527	1,346	1,500	1,600
Iran	8,900	9,000	6,800	7,200	8,500	9,500
Israel	1,861	1,611	1,992	1,493	1,500	1,500
Japan	15,668	16,050	15,888	15,479	15,400	15,200
Korea, South	10,018	10,856	11,882	11,708	11,700	11,500
Malaysia	3,645	3,674	3,777	3,700	3,800	3,800
Mexico	16,129	16,658	16,526	16,498	17,500	17,700
Morocco	2,283	2,728	2,963	2,474	2,800	2,800
Peru	3,377	3,726	3,938	3,679	4,000	4,100
Saudi Arabia	3,983	3,662	4,517	3,017	3,800	4,000
Taiwan	4,410	4,508	4,580	4,386	4,400	4,400
Thailand	700	1,200	1,602	1,846	1,800	1,700
Turkey	3,410	3,669	3,004	1,794	2,800	3,000
United Kingdom	2,470	2,949	2,528	2,766	2,500	1,800
Vietnam	9,400	10,900	12,000	11,200	10,600	12,000
Others	17,374	17,570	19,463	18,047	18,914	19,654
Subtotal	151,630	167,178	168,836	179,749	182,214	176,704
Unaccounted	1,903	5,660	5,934	3,862	7,646	5,873
United States	838	800	959	629	650	650
World Total	154,371	173,638	175,729	184,240	190,510	183,227

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	2022/23 May
Production						
Argentina	32,000	51,000	51,000	52,000	53,000	55,000
Brazil	82,000	101,000	102,000	87,000	116,000	126,000
Canada	14,096	13,885	13,404	13,563	13,984	14,000
China	259,071	257,174	260,779	260,670	272,552	271,000
Ethiopia	10,488	10,120	9,636	10,557	9,400	10,200
European Union	62,021	64,351	66,742	67,140	70,499	68,250
India	28,753	27,715	28,766	31,647	32,500	31,500
Indonesia	11,900	12,000	12,000	12,600	12,700	12,900
Mexico	27,569	27,671	26,658	27,346	27,600	27,600
Nigeria	10,420	11,000	12,700	12,400	12,745	12,500
Pakistan	5,902	6,826	7,883	8,940	9,500	8,900
Philippines	7,980	7,608	8,030	8,352	8,200	8,300
Russia	13,201	11,415	14,275	13,872	15,225	15,500
South Africa	13,104	11,824	15,844	16,951	16,300	17,300
Ukraine	24,115	35,805	35,887	30,297	42,126	19,500
Others	108,184	115,085	111,169	117,219	119,342	114,964
Subtotal	710,804	764,479	776,773	770,554	831,673	813,414
United States	371,096	364,262	345,962	358,447	383,943	367,301
World Total	1,081,900	1,128,741	1,122,735	1,129,001	1,215,616	1,180,715
Total Consumption						
Argentina	12,400	13,800	13,500	13,500	13,700	14,000
Brazil	63,500	67,000	68,500	70,000	73,000	77,000
Canada	13,909	15,088	13,958	13,976	16,000	14,900
China	263,000	274,000	278,000	285,000	291,000	295,000
Egypt	15,900	16,200	16,900	16,400	16,400	16,400
European Union	75,200	85,000	79,000	77,400	80,500	78,600
India	26,700	28,500	27,200	27,850	29,300	30,000
Indonesia	12,400	12,900	12,600	13,300	13,800	14,100
Japan	15,600	16,000	15,950	15,450	15,450	15,200
Korea, South	10,000	10,947	11,795	11,780	11,750	11,550
Mexico	42,500	44,100	43,800	43,800	44,400	44,700
Nigeria	11,100	11,300	12,100	12,500	12,600	12,600
Russia	8,300	8,500	9,800	10,000	10,900	11,200
South Africa	12,230	12,536	12,200	12,700	13,300	13,300
Vietnam	13,600	14,200	14,550	16,450	15,250	15,600
Others	185,247	191,180	193,946	199,283	209,389	205,958
Subtotal	778,266	837,218	828,380	836,751	883,537	875,969
United States	313,991	310,391	309,547	306,542	315,863	309,005
World Total	1,092,257	1,147,609	1,137,927	1,143,293	1,199,400	1,184,974
Ending Stocks						
Brazil	9,315	5,311	5,328	4,153	4,653	7,953
China	222,541	210,179	200,526	205,704	210,236	204,216
European Union	8,983	7,644	7,382	7,880	8,679	8,629
Mexico	5,649	5,160	3,515	3,079	3,379	3,379
Serbia	438	712	692	939	1,344	3,749
South Africa	2,672	1,020	2,117	2,578	2,378	2,678
Ukraine	1,567	891	1,478	832	6,773	8,073
Others	35,991	35,328	37,668	36,648	35,375	31,913
Subtotal	287,156	266,245	258,706	261,813	272,817	270,590
United States	54,367	56,410	48,757	31,358	36,570	34,538
World Total	341,523	322,655	307,463	293,171	309,387	305,128

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22	May 2022/23
TY Imports						
North America	18,734	19,979	19,352	18,677	21,950	20,850
Central America	4,001	4,352	4,904	4,739	5,250	5,400
South America	13,542	14,349	15,696	15,639	16,235	15,370
European Union	17,667	23,583	17,384	14,493	16,000	15,000
Former Soviet Union - 12	440	588	564	316	381	300
Middle East	22,130	22,038	21,005	18,175	21,190	22,710
North Africa	17,246	18,531	20,306	17,899	17,900	17,900
Sub-Saharan Africa	2,480	2,793	3,110	2,889	2,965	3,183
East Asia	33,599	35,961	40,008	61,124	54,550	49,145
Southeast Asia	15,183	17,483	19,007	18,162	18,042	19,615
Caribbean	2,446	2,377	2,275	2,396	2,520	2,570
Others	5,000	5,944	6,184	5,869	5,881	5,311
Total	152,468	167,978	169,795	180,378	182,864	177,354
Production						
North America	412,761	405,818	386,024	399,356	425,527	408,901
South America	126,268	164,749	164,604	149,753	180,198	193,235
European Union	62,021	64,351	66,742	67,140	70,499	68,250
Other Europe	5,397	9,411	9,470	10,316	7,681	8,885
Former Soviet Union - 12	42,257	53,119	56,099	48,937	63,562	40,230
Middle East	6,966	7,319	7,945	9,060	8,469	7,924
North Africa	6,523	6,919	6,441	6,431	7,561	7,556
Sub-Saharan Africa	77,543	76,430	80,006	85,856	86,951	83,419
East Asia	261,417	260,184	263,488	263,041	275,016	273,468
South Asia	40,999	41,178	44,032	48,782	49,983	48,573
Central America	3,877	3,441	3,516	3,545	3,616	3,496
Southeast Asia	34,561	34,589	33,250	35,590	35,285	35,540
Others	1,310	1,233	1,118	1,194	1,268	1,238
Total	1,081,900	1,128,741	1,122,735	1,129,001	1,215,616	1,180,715
Domestic Consumption						
North America	370,400	369,579	367,305	364,318	376,263	368,605
South America	98,398	103,926	105,552	106,689	110,140	115,100
European Union	75,200	85,000	79,000	77,400	80,500	78,600
Other Europe	8,002	9,433	9,301	10,250	9,454	8,704
Former Soviet Union - 12	19,202	20,312	21,985	22,240	29,620	25,790
Middle East	27,919	28,778	28,114	26,901	29,515	30,530
North Africa	24,400	24,600	27,190	25,730	25,200	25,200
Sub-Saharan Africa	77,190	78,661	79,026	82,368	84,540	84,049
East Asia	295,227	308,273	313,031	319,169	325,150	328,695
South Asia	41,231	43,774	43,871	47,707	49,100	50,065
Southeast Asia	46,667	47,519	46,966	51,147	50,455	50,975
Central America	7,830	7,990	8,370	8,480	8,810	8,940
Others	3,911	3,797	3,635	3,532	3,855	3,860
Total	1,095,577	1,131,642	1,133,346	1,145,931	1,182,602	1,179,113
Ending Stocks						
North America	62,433	63,549	54,832	36,606	42,102	40,070
South America	15,118	10,894	11,831	7,626	8,113	11,437
European Union	8,983	7,644	7,382	7,880	8,679	8,629
Other Europe	919	1,433	1,318	1,538	1,778	4,094
Former Soviet Union - 12	2,582	2,200	3,260	2,217	8,327	9,481
Middle East	3,213	2,919	3,196	3,090	2,874	2,688
North Africa	2,462	2,473	2,379	1,821	2,077	2,328
Sub-Saharan Africa	10,667	8,729	9,303	11,156	12,109	10,109
East Asia	226,591	214,436	204,897	209,889	214,285	208,183
South Asia	3,931	3,026	3,827	4,395	4,048	2,976
Southeast Asia	3,218	4,119	4,244	5,977	3,972	4,170
Central America	1,052	903	797	702	743	684
Others	354	330	197	274	280	279
Total	341,523	322,655	307,463	293,171	309,387	305,128

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	2022/23 May
TY Exports						
Argentina	2,537	3,001	2,598	2,458	3,600	3,700
Australia	6,088	3,666	3,231	8,007	9,000	6,500
Canada	1,868	2,269	2,520	3,520	1,800	3,500
European Union	5,894	5,809	7,579	8,558	7,500	7,300
Kazakhstan	1,411	1,762	1,292	1,028	600	600
Russia	5,661	4,320	5,141	5,691	4,500	6,000
Serbia	57	67	77	131	100	150
Ukraine	3,188	4,407	4,990	5,053	2,800	2,000
United Kingdom	896	1,538	1,404	1,292	800	750
Uruguay	12	62	41	185	250	250
Others	286	225	396	1,125	379	216
Subtotal	27,898	27,126	29,269	37,048	31,329	30,966
United States	102	101	155	350	125	150
World Total	28,000	27,227	29,424	37,398	31,454	31,116
TY Imports						
Algeria	439	467	503	780	700	500
Brazil	584	608	647	398	500	500
China	8,144	5,181	5,969	12,049	9,000	10,000
European Union	979	1,762	1,089	1,150	900	900
Iran	2,700	3,200	2,300	3,700	2,200	2,500
Israel	234	236	358	461	350	350
Japan	1,253	1,158	1,253	1,132	1,200	1,200
Jordan	788	928	564	658	800	800
Kuwait	521	474	522	507	500	450
Libya	438	888	891	1,039	850	850
Mexico	1	82	346	499	400	400
Morocco	363	299	1,073	456	450	500
Philippines	6	6	8	195	600	500
Qatar	229	288	349	358	400	400
Saudi Arabia	7,700	5,700	7,300	6,100	5,500	5,500
Thailand	147	206	685	1,043	500	500
Tunisia	674	487	751	950	700	750
Turkey	774	375	1,007	1,634	2,200	800
United Arab Emirates	263	476	443	519	500	450
Vietnam	177	133	198	747	700	700
Others	1,875	2,187	1,617	2,369	1,977	1,620
Subtotal	28,289	25,141	27,873	36,744	30,927	30,170
Unaccounted	-459	1,953	1,394	518	267	746
United States	170	133	157	136	260	200
World Total	28,000	27,227	29,424	37,398	31,454	31,116

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	2022/23 May
Production						
Algeria	968	1,957	1,648	1,213	950	1,800
Argentina	3,740	4,635	3,615	4,035	5,300	5,300
Australia	9,254	8,819	10,127	13,100	13,700	11,500
Belarus	1,420	944	1,098	1,375	1,000	1,100
Canada	7,891	8,380	10,383	10,741	6,948	10,500
China	1,085	2,021	2,011	2,036	2,000	2,000
Ethiopia	1,960	1,749	2,378	2,261	2,350	2,400
European Union	51,482	49,470	55,180	54,324	51,972	52,500
India	1,747	1,781	1,633	1,720	1,656	1,700
Iran	3,100	2,800	3,600	3,600	2,700	3,000
Kazakhstan	3,305	3,971	3,830	3,659	2,367	2,800
Russia	20,211	16,737	19,939	20,629	17,505	19,500
Turkey	6,400	7,000	7,900	8,100	4,500	7,000
Ukraine	8,695	7,604	9,528	7,947	9,923	6,000
United Kingdom	7,169	6,510	8,048	8,117	6,961	6,850
Others	11,618	11,902	13,702	12,830	12,635	11,077
Subtotal	140,045	136,280	154,620	155,687	142,467	145,027
United States	3,119	3,343	3,756	3,719	2,562	3,941
World Total	143,164	139,623	158,376	159,406	145,029	148,968
Total Consumption						
Algeria	1,850	2,000	2,350	2,350	1,950	2,150
Australia	3,700	5,000	6,000	5,500	5,500	5,000
Canada	6,805	6,508	8,108	7,747	5,600	7,000
China	9,300	7,000	8,000	13,000	12,100	12,100
Ethiopia	2,225	1,825	2,325	2,325	2,425	2,425
European Union	46,900	45,600	49,500	48,350	45,300	45,700
India	1,950	1,900	1,850	1,900	1,690	1,700
Iran	6,000	6,200	6,400	6,900	5,700	5,500
Kazakhstan	2,150	2,150	2,400	2,550	2,200	2,250
Morocco	2,800	2,900	2,500	1,160	2,700	1,850
Russia	14,500	12,200	15,400	14,400	13,300	13,500
Saudi Arabia	8,525	7,025	7,025	7,025	5,525	5,725
Turkey	6,700	7,500	8,500	8,990	7,300	7,500
Ukraine	4,500	4,200	4,600	4,100	4,000	3,800
United Kingdom	6,201	5,666	5,989	7,207	6,278	6,221
Others	18,902	18,917	21,642	23,485	22,781	22,011
Subtotal	142,008	137,353	152,845	157,231	145,826	145,084
United States	3,466	3,537	3,922	3,753	2,939	3,484
World Total	145,474	140,890	156,767	160,984	148,765	148,568
Ending Stocks						
Argentina	388	598	608	619	619	619
Australia	1,776	1,908	2,711	1,969	1,169	1,169
European Union	5,592	5,457	5,207	5,002	5,074	5,474
Saudi Arabia	1,841	1,327	1,016	1,002	988	775
Turkey	724	465	766	522	372	572
Ukraine	1,149	1,008	953	661	794	994
United Kingdom	1,076	1,091	1,357	1,058	1,041	1,020
Others	6,857	6,455	7,437	7,836	5,188	4,521
Subtotal	19,403	18,309	20,055	18,669	15,245	15,144
United States	2,057	1,884	1,747	1,555	1,243	1,744
World Total	21,460	20,193	21,802	20,224	16,488	16,888

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22	May 2022/23
TY Imports						
North America	227	253	589	936	810	630
South America	1,082	1,179	1,168	926	1,067	950
European Union	979	1,762	1,089	1,150	900	900
Other Europe	183	252	175	203	176	168
Former Soviet Union - 12	229	395	464	425	354	304
Middle East	13,758	11,967	12,942	14,638	12,860	11,650
North Africa	1,990	2,342	3,225	3,245	2,720	2,610
Sub-Saharan Africa	49	28	67	19	110	70
East Asia	9,499	6,441	7,324	13,273	10,310	11,295
South Asia	114	296	89	34	40	68
Oceania	19	14	7	46	40	25
Total	28,459	25,274	28,030	36,880	31,187	30,370
Production						
North America	12,015	12,719	15,149	15,365	10,470	15,401
South America	4,862	6,133	5,135	5,741	7,084	7,146
European Union	51,482	49,470	55,180	54,324	51,972	52,500
Other Europe	8,508	7,762	9,471	9,659	8,535	8,403
Former Soviet Union - 12	35,563	31,225	36,462	35,652	32,724	31,375
Middle East	11,352	11,069	15,194	15,246	8,648	11,679
North Africa	4,041	5,394	3,929	2,526	4,368	3,208
Sub-Saharan Africa	2,465	2,369	2,929	3,004	2,866	3,000
East Asia	1,381	2,347	2,435	2,402	2,376	2,373
South Asia	1,943	1,936	1,981	2,049	1,962	2,028
Oceania	9,552	9,199	10,511	13,438	14,024	11,855
Total	143,164	139,623	158,376	159,406	145,029	148,968
Domestic Consumption						
North America	11,281	11,095	13,330	12,800	9,889	11,884
South America	3,780	3,716	3,898	4,217	4,294	4,146
European Union	46,900	45,600	49,500	48,350	45,300	45,700
Other Europe	7,575	7,032	7,408	8,737	7,803	7,699
Former Soviet Union - 12	24,589	21,759	25,745	24,612	22,524	22,744
Middle East	25,727	25,012	27,056	28,087	23,988	23,419
North Africa	6,359	7,076	7,419	6,205	6,908	6,248
Sub-Saharan Africa	2,755	2,360	2,913	2,982	2,980	3,035
East Asia	10,914	8,645	9,740	14,702	13,835	13,820
South Asia	2,214	2,103	2,221	2,244	2,017	2,041
Oceania	4,050	5,385	6,390	5,900	5,850	5,380
Total	146,474	140,128	156,511	160,742	147,288	147,916
Ending Stocks						
North America	3,716	3,109	3,166	2,676	2,072	2,563
South America	705	1,039	1,022	966	978	978
European Union	5,592	5,457	5,207	5,002	5,074	5,474
Other Europe	1,238	1,227	1,537	1,214	1,209	1,176
Former Soviet Union - 12	2,569	2,307	2,457	2,325	1,781	2,025
Middle East	3,956	2,617	3,304	3,218	2,188	1,998
North Africa	806	1,256	1,075	643	973	543
Sub-Saharan Africa	332	348	404	432	413	433
East Asia	469	612	631	1,604	455	303
South Asia	253	264	235	127	119	169
Oceania	1,813	1,946	2,755	2,011	1,220	1,220
Total	21,460	20,193	21,802	20,224	16,488	16,888

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	2022/23 May
TY Exports						
Argentina	473	254	426	1,973	2,500	2,300
Australia	449	91	102	1,235	1,900	1,100
Bolivia	21	18	8	29	50	50
China	43	49	29	4	30	30
India	123	53	31	56	50	50
Kenya	136	53	31	80	70	70
Nigeria	100	100	50	50	50	50
Others	365	306	304	196	167	107
Subtotal	1,710	924	981	3,623	4,817	3,757
United States	4,839	2,410	5,404	7,052	7,800	7,300
World Total	6,549	3,334	6,385	10,675	12,617	11,057
TY Imports						
China	4,436	652	3,709	8,669	10,500	9,500
Eritrea	30	60	35	60	70	70
Ethiopia	6	6	61	5	50	50
European Union	484	666	89	13	120	65
Japan	577	449	426	299	250	200
Kenya	141	109	52	181	200	200
Mexico	98	546	567	133	200	200
Somalia	80	85	80	50	50	50
South Sudan	148	26	81	71	100	80
Sudan	150	160	150	88	100	50
Others	557	486	376	347	395	342
Subtotal	6,707	3,245	5,626	9,916	12,035	10,807
Unaccounted	-209	88	758	758	581	249
United States	51	1	1	1	1	1
World Total	6,549	3,334	6,385	10,675	12,617	11,057

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	2022/23 May
Production						
Argentina	3,000	2,500	2,500	3,320	3,750	3,800
Australia	1,257	1,160	397	1,900	2,600	1,600
Bolivia	1,023	949	1,019	1,100	1,100	1,170
Brazil	2,136	2,177	2,498	2,084	3,042	2,940
Burkina Faso	1,366	1,930	1,872	1,840	1,644	1,900
Cameroon	1,190	1,200	1,217	1,200	1,200	1,200
China	2,465	2,909	3,137	2,970	3,000	3,000
Ethiopia	5,164	5,024	5,266	5,058	4,450	4,500
European Union	660	781	1,012	1,097	1,006	1,015
India	4,803	3,480	4,772	4,812	4,400	4,400
Mali	1,423	1,470	1,511	1,823	1,239	1,500
Mexico	4,545	4,700	4,328	4,348	4,700	4,850
Niger	1,945	2,100	1,897	2,132	1,207	1,900
Nigeria	6,939	6,721	6,665	6,590	6,725	7,000
Sudan	3,743	5,435	3,714	5,150	3,530	5,000
Others	6,996	7,556	7,241	7,519	7,357	7,212
Subtotal	48,655	50,092	49,046	52,943	50,950	52,987
United States	9,192	9,271	8,673	9,474	11,375	9,678
World Total	57,847	59,363	57,719	62,417	62,325	62,665
Total Consumption						
Argentina	3,100	2,150	2,050	1,150	1,250	1,350
Bolivia	920	980	980	1,050	1,050	1,100
Brazil	2,100	2,200	2,400	2,100	3,000	2,900
Burkina Faso	1,400	1,800	1,870	1,900	1,650	1,850
Cameroon	1,205	1,225	1,222	1,225	1,230	1,230
Chad	1,000	1,000	1,000	1,000	950	980
China	6,900	3,600	6,800	11,400	13,500	12,500
Ethiopia	5,000	5,000	5,300	5,200	4,700	4,600
European Union	950	1,554	1,128	1,113	1,113	1,073
India	4,600	3,550	4,500	4,550	4,500	4,450
Mali	1,450	1,470	1,500	1,700	1,400	1,500
Mexico	4,700	5,100	5,000	4,500	4,750	5,000
Niger	1,850	2,100	2,000	2,050	1,400	1,850
Nigeria	6,950	6,650	6,650	6,550	6,650	6,800
Sudan	4,400	5,300	4,350	5,100	3,750	4,950
Others	8,109	8,588	7,320	7,500	7,758	7,560
Subtotal	54,507	52,344	54,985	59,763	58,938	60,081
United States	4,119	6,212	4,365	2,514	3,429	2,668
World Total	58,626	58,556	59,350	62,277	62,367	62,749
Ending Stocks						
Argentina	515	454	266	195	295	245
Australia	273	287	154	155	395	385
Brazil	250	194	293	266	289	309
India	274	153	394	599	449	349
Mexico	113	259	153	102	251	300
Nigeria	181	152	117	107	132	282
Sudan	386	631	110	243	118	213
Others	1,811	1,748	1,613	1,821	1,190	1,180
Subtotal	3,803	3,878	3,100	3,488	3,119	3,263
United States	885	1,617	764	516	843	615
World Total	4,688	5,495	3,864	4,004	3,962	3,878

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22	May 2022/23
TY Imports						
North America	149	547	568	134	201	201
South America	111	80	45	37	71	33
European Union	484	666	89	13	120	65
Other Europe	28	24	29	24	25	25
Middle East	41	39	48	35	31	31
North Africa	1	0	7	1	2	2
Sub-Saharan Africa	719	650	618	608	753	663
East Asia	5,139	1,175	4,180	9,030	10,805	9,755
Southeast Asia	22	36	41	28	25	30
Others	64	29	2	7	3	3
Total	6,758	3,246	5,627	9,917	12,036	10,808
Production						
North America	13,737	13,971	13,001	13,822	16,075	14,528
Central America	282	288	286	277	255	205
Caribbean	91	106	71	76	71	76
South America	6,420	5,922	6,256	6,735	8,099	8,158
European Union	660	781	1,012	1,097	1,006	1,015
Middle East	410	440	390	391	405	401
North Africa	811	808	761	735	755	754
Sub-Saharan Africa	26,522	29,103	27,272	29,347	25,284	28,241
East Asia	2,467	2,911	3,139	2,972	3,002	3,002
South Asia	4,957	3,629	4,892	4,908	4,550	4,535
Southeast Asia	50	50	50	50	50	50
Oceania	1,257	1,160	397	1,900	2,600	1,600
Others	183	194	192	107	173	100
Total	57,847	59,363	57,719	62,417	62,325	62,665
Domestic Consumption						
North America	8,819	11,312	9,365	7,014	8,179	7,668
Central America	282	291	286	280	257	200
Caribbean	91	108	71	79	74	79
South America	6,532	5,644	5,687	4,560	5,568	5,618
European Union	950	1,554	1,128	1,113	1,113	1,073
Middle East	447	483	434	427	436	432
North Africa	784	803	784	755	757	756
Sub-Saharan Africa	27,459	29,145	28,348	29,558	26,596	28,484
East Asia	7,605	4,156	7,257	11,774	13,807	12,757
South Asia	4,817	3,726	4,621	4,651	4,650	4,585
Southeast Asia	66	85	81	83	73	79
Oceania	800	1,050	280	210	460	510
Others	101	122	93	98	110	120
Total	58,753	58,479	58,435	60,602	62,080	62,361
Ending Stocks						
North America	998	1,876	917	618	1,094	915
Central America	12	9	9	6	4	9
South America	892	740	683	603	725	718
European Union	138	101	54	37	30	27
Middle East	0	0	0	0	0	0
North Africa	45	50	33	14	14	14
Sub-Saharan Africa	1,843	2,179	1,510	1,660	946	1,201
East Asia	157	38	71	295	265	235
South Asia	274	153	394	599	449	349
Oceania	273	287	154	155	395	385
Others	56	62	39	17	40	25
Total	4,688	5,495	3,864	4,004	3,962	3,878

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	2022/23 May
TY Exports						
Australia	550	250	245	391	600	500
Brazil	4	6	3	1	5	5
Canada	1,685	1,665	1,899	1,961	1,300	2,000
Chile	34	36	6	3	40	5
European Union	141	119	235	145	140	110
Russia	34	134	73	90	150	100
United Kingdom	26	50	112	31	60	50
Others	19	43	29	27	22	14
Subtotal	2,493	2,303	2,602	2,649	2,317	2,784
United States	31	26	32	50	35	30
World Total	2,524	2,329	2,634	2,699	2,352	2,814
TY Imports						
Algeria	7	1	13	11	10	10
Chile	0	14	28	169	50	150
China	389	224	222	301	350	350
Ecuador	39	16	12	26	20	20
European Union	39	58	113	33	50	40
India	19	21	25	46	50	50
Japan	44	46	47	48	50	50
Korea, South	46	31	25	24	30	25
Malaysia	23	16	29	26	20	25
Mexico	168	129	137	171	150	170
Norway	21	93	45	15	15	15
Peru	29	41	45	44	50	50
South Africa	39	23	62	21	20	30
Switzerland	49	51	56	49	50	50
United Kingdom	23	34	30	22	25	25
Others	30	54	47	41	48	32
Subtotal	965	852	936	1,047	988	1,092
Unaccounted	16	80	107	77	64	122
United States	1,543	1,397	1,591	1,575	1,300	1,600
World Total	2,524	2,329	2,634	2,699	2,352	2,814

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	2022/23 May
Production						
Algeria	64	118	101	69	110	110
Argentina	492	572	600	510	690	645
Australia	1,227	1,135	1,143	1,665	1,600	1,450
Belarus	460	342	368	445	350	375
Brazil	634	795	879	853	1,143	1,155
Canada	3,733	3,436	4,227	4,576	2,606	4,600
Chile	571	385	477	525	664	495
China	550	560	600	600	600	600
European Union	7,183	6,940	6,965	8,471	7,643	7,550
Kazakhstan	285	336	267	240	182	275
Norway	283	144	300	300	300	300
Russia	5,448	4,715	4,420	4,127	3,733	4,500
Turkey	250	230	230	240	250	250
Ukraine	481	423	427	515	478	400
United Kingdom	875	850	1,076	1,031	1,123	1,050
Others	372	409	361	367	442	387
Subtotal	22,908	21,390	22,441	24,534	21,914	24,142
United States	720	815	773	954	578	856
World Total	23,628	22,205	23,214	25,488	22,492	24,998
Total Consumption						
Argentina	525	550	600	525	685	645
Australia	900	900	970	1,100	1,000	1,000
Belarus	460	375	370	440	350	375
Brazil	675	775	845	845	1,125	1,125
Canada	2,041	2,083	2,419	2,340	1,650	2,300
Chile	570	390	520	615	675	650
China	850	870	870	900	950	950
European Union	7,050	7,000	6,900	8,175	7,650	7,560
Kazakhstan	275	315	250	235	205	250
Mexico	200	255	210	235	240	260
Norway	320	250	345	320	315	315
Russia	5,400	4,700	4,200	4,050	3,650	4,400
Turkey	240	230	240	240	240	250
Ukraine	480	450	420	475	465	425
United Kingdom	842	875	993	973	1,060	1,065
Others	689	684	670	692	788	751
Subtotal	21,587	20,712	20,827	22,395	21,068	22,405
United States	2,358	2,326	2,344	2,363	2,026	2,377
World Total	23,945	23,038	23,171	24,758	23,094	24,782
Ending Stocks						
Australia	196	191	114	283	283	233
Brazil	23	37	68	75	88	113
Canada	778	397	426	657	328	638
China	241	155	107	108	108	108
European Union	500	371	332	538	441	361
Russia	167	60	195	188	122	123
United Kingdom	138	116	106	147	175	135
Others	381	310	347	411	400	363
Subtotal	2,424	1,637	1,695	2,407	1,945	2,074
United States	595	549	534	552	412	499
World Total	3,019	2,186	2,229	2,959	2,357	2,573

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22	May 2022/23
TY Imports						
North America	1,723	1,535	1,744	1,765	1,465	1,780
South America	75	78	89	241	130	224
European Union	39	58	113	33	50	40
Other Europe	99	184	138	93	95	95
Former Soviet Union - 12	4	31	6	6	3	3
Middle East	0	0	0	0	10	0
North Africa	8	2	27	18	15	20
Sub-Saharan Africa	39	23	62	21	20	30
East Asia	479	301	294	373	430	425
South Asia	19	21	25	46	50	50
Southeast Asia	23	16	29	26	20	25
Oceania	0	0	0	0	0	0
Total	2,508	2,249	2,527	2,622	2,288	2,692
Production						
North America	4,525	4,354	5,099	5,593	3,274	5,541
South America	1,754	1,831	2,017	1,949	2,558	2,362
European Union	7,183	6,940	6,965	8,471	7,643	7,550
Other Europe	1,302	1,136	1,518	1,481	1,563	1,493
Former Soviet Union - 12	6,679	5,822	5,488	5,333	4,749	5,556
Middle East	250	230	230	240	250	250
North Africa	99	139	109	75	155	116
Sub-Saharan Africa	23	33	17	57	70	50
East Asia	551	561	601	601	601	601
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	1,262	1,159	1,170	1,688	1,629	1,479
Total	23,628	22,205	23,214	25,488	22,492	24,998
Domestic Consumption						
North America	4,599	4,664	4,973	4,938	3,916	4,937
South America	1,915	1,843	2,088	2,123	2,625	2,560
European Union	7,050	7,000	6,900	8,175	7,650	7,560
Other Europe	1,361	1,323	1,536	1,502	1,570	1,578
Former Soviet Union - 12	6,621	5,846	5,247	5,208	4,678	5,457
Middle East	240	230	240	240	240	250
North Africa	106	142	122	101	170	136
Sub-Saharan Africa	66	65	69	69	95	90
East Asia	940	951	943	972	1,031	1,026
South Asia	19	21	25	46	50	50
Southeast Asia	23	16	29	26	20	25
Oceania	935	927	994	1,123	1,029	1,029
Total	23,875	23,028	23,166	24,523	23,074	24,698
Ending Stocks						
North America	1,377	949	968	1,222	753	1,145
South America	125	144	191	229	244	258
European Union	500	371	332	538	441	361
Other Europe	202	167	158	194	222	181
Former Soviet Union - 12	330	177	322	341	247	238
Middle East	16	16	6	6	26	26
North Africa	2	1	3	0	0	0
Sub-Saharan Africa	24	15	25	34	29	19
East Asia	244	155	107	109	109	109
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	199	191	117	286	286	236
Total	3,019	2,186	2,229	2,959	2,357	2,573

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	2022/23 May
TY Exports						
Belarus	0	0	0	22	5	5
Canada	227	152	147	148	150	150
European Union	103	191	274	95	155	150
Russia	152	178	6	101	50	50
Ukraine	84	42	8	58	200	5
Others	1	1	0	3	6	0
Subtotal	567	564	435	427	566	360
United States	4	4	6	4	5	5
World Total	571	568	441	431	571	365
TY Imports						
Belarus	28	9	3	3	3	3
European Union	142	221	0	131	170	80
Israel	21	17	8	18	20	10
Japan	21	23	19	22	20	20
Kazakhstan	0	0	2	11	4	5
Korea, South	3	3	4	4	5	5
Norway	5	19	10	10	10	10
Others	12	10	103	13	54	8
Subtotal	232	302	149	212	286	141
Unaccounted	15	-28	8	30	25	24
United States	324	294	284	189	260	200
World Total	571	568	441	431	571	365

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	2022/23 May
Production						
Argentina	86	87	220	135	144	175
Belarus	670	503	756	1,051	800	750
Canada	341	236	333	488	473	475
European Union	7,366	6,173	8,395	8,964	7,958	7,750
Russia	2,540	1,914	1,424	2,376	1,716	2,000
Turkey	320	320	320	320	330	320
Ukraine	510	396	339	459	600	285
Others	211	157	200	209	203	194
Subtotal	12,044	9,786	11,987	14,002	12,224	11,949
United States	260	214	270	293	249	328
World Total	12,304	10,000	12,257	14,295	12,473	12,277
Total Consumption						
Argentina	86	87	220	135	144	175
Australia	30	31	32	32	32	32
Belarus	665	550	750	1,050	790	740
Canada	189	169	181	308	335	320
European Union	7,600	6,350	8,060	8,750	8,050	7,900
Kazakhstan	35	35	27	35	45	35
Norway	54	27	59	58	60	60
Russia	2,500	1,750	1,550	2,200	1,700	1,900
Turkey	320	320	320	320	360	330
Ukraine	480	332	332	402	352	352
Others	147	142	131	146	133	126
Subtotal	12,139	9,818	11,653	13,456	12,037	11,941
United States	483	518	550	528	502	587
World Total	12,622	10,336	12,203	13,984	12,539	12,528
Ending Stocks						
Belarus	61	35	44	31	34	37
Canada	124	49	40	72	62	69
European Union	591	513	590	735	708	488
Kazakhstan	16	4	0	4	5	5
Russia	260	141	104	201	143	194
Turkey	14	14	14	14	24	14
Ukraine	69	47	48	90	109	37
Others	1	1	1	1	1	1
Subtotal	1,136	804	841	1,148	1,086	845
United States	15	11	28	32	28	18
World Total	1,151	815	869	1,180	1,114	863

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2017/18	2018/19	2019/20	2020/21	2021/22	May 2022/23
TY Imports						
North America	326	296	287	190	262	202
South America	0	0	0	0	0	0
European Union	142	221	0	131	170	80
Other Europe	15	25	15	19	20	15
Former Soviet Union - 12	28	11	100	17	9	9
Middle East	21	17	8	18	60	10
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	546	341
Production						
North America	601	450	603	781	722	803
South America	97	100	234	150	160	191
European Union	7,366	6,173	8,395	8,964	7,958	7,750
Other Europe	128	87	128	129	112	113
Former Soviet Union - 12	3,759	2,836	2,542	3,916	3,156	3,065
Middle East	320	320	320	320	330	320
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	30	31	32	32	32	32
Total	12,304	10,000	12,257	14,295	12,473	12,277
Domestic Consumption						
North America	672	687	731	836	837	907
South America	97	100	234	150	160	191
European Union	7,600	6,350	8,060	8,750	8,050	7,900
Other Europe	142	110	142	142	129	132
Former Soviet Union - 12	3,680	2,667	2,659	3,687	2,887	3,027
Middle East	341	337	328	338	380	340
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	24	26	23	26	25	25
Oceania	30	31	32	32	32	32
Total	12,589	10,311	12,212	13,964	12,503	12,557
Ending Stocks						
North America	139	60	68	104	90	87
South America	0	0	0	0	0	0
European Union	591	513	590	735	708	488
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	406	227	196	326	291	273
Middle East	14	14	14	14	24	14
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	1,180	1,114	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.