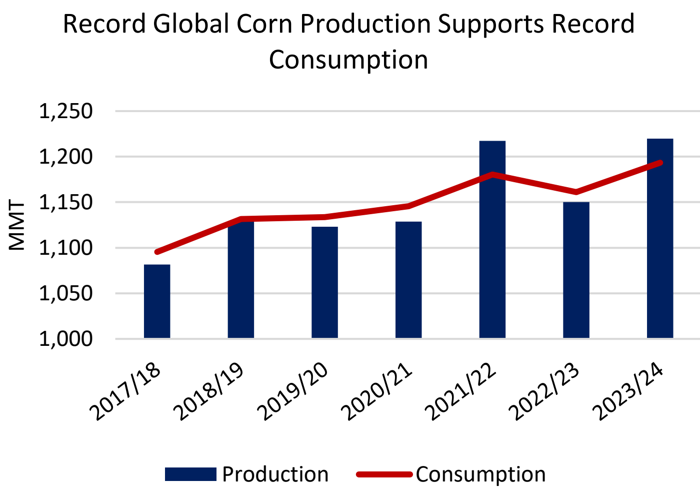
United States Department of Agriculture Foreign Agricultural Service

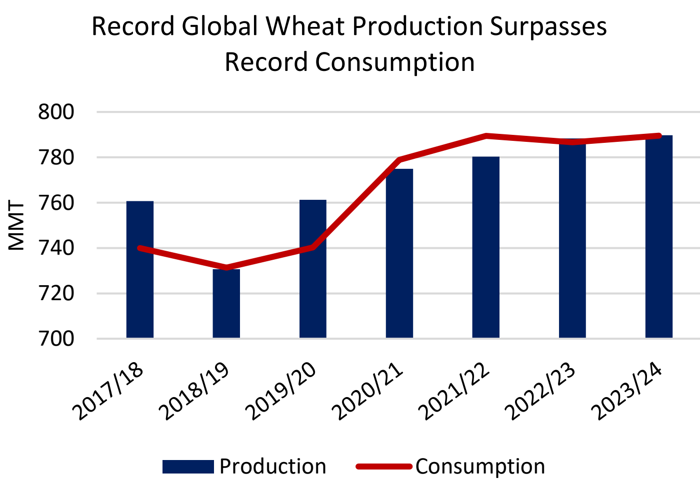
May 2023

Grain: World Markets and Trade

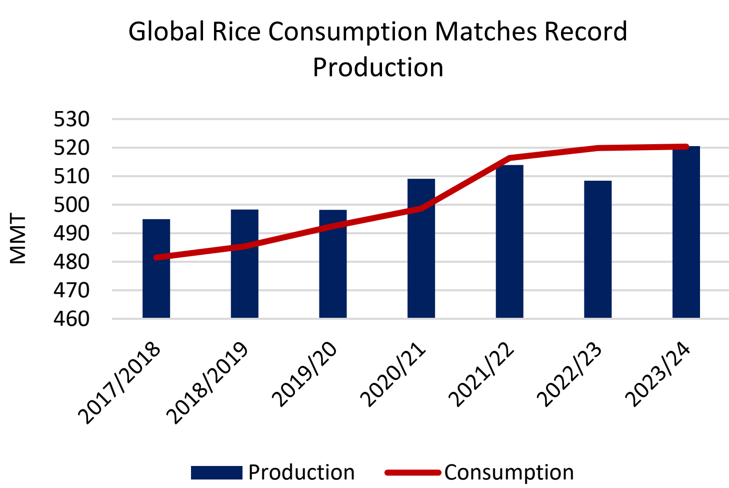
2023/24 Grain Production Exceeds Consumption



Global **corn** production is forecast to sharply increase, driven primarily by a forecast of continued high production in Brazil and rebounds in the United States and Argentina. Supplies in Ukraine are forecast to fall as the ongoing war limits production. Trade is forecast to increase as ample supplies from major exporters Brazil, Argentina, and the United States lower prices and supports a rebound in global demand. Global consumption of corn for both feed and non-feed uses is forecast up. Ending stocks are also forecast to rise, primarily due to a strong surge in stocks in the United States.



The global **wheat** outlook is for larger production and consumption with declining global trade and ending stocks. Production is projected to increase with larger crops in Argentina, Canada, China, the European Union (EU), India, and Turkey more than offsetting large declines for Australia, Kazakhstan, Russia, and Ukraine. Global trade will contract with lower imports for China. Declines in exports for Australia, India, Ukraine, and the United States will more than offset increases for Argentina, Canada, and the EU. Global consumption is forecast up on larger Food, Seed, and Industrial (FSI) use more than offsetting lower feed and residual use. Ending stocks are forecast down, with smaller stocks in the EU, Russia, and the United States.



Global **rice** production is forecast at a record with larger production in Asia, especially on record crops in Bangladesh, India, and China along with a recovery in Pakistan. Global consumption is expected to rise to a new record, primarily from strong growth in India, Bangladesh, and Sub-Saharan Africa. Global trade is forecast virtually unchanged with India remaining the top exporter. Pakistan is expected to see significant growth in exports amidst a rebounding crop, while forecasts for Thailand and Vietnam – the next largest exporters – are down due to less demand from Indonesia. Global stocks continue a downward trend to a 6-year low.

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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

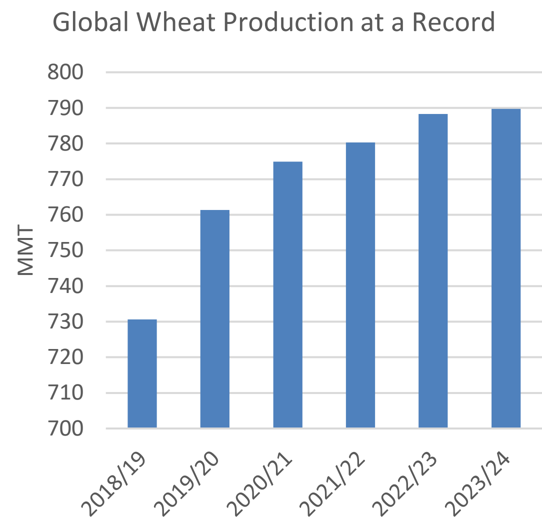
National Agricultural Statistics Service

WHEAT

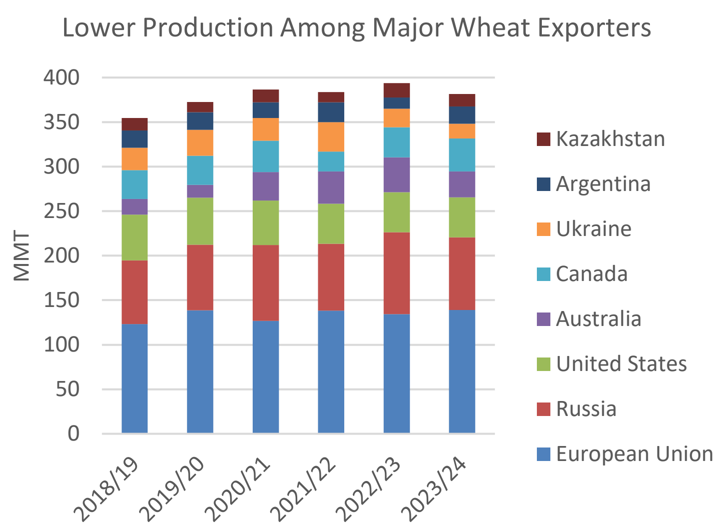
OVERVIEW FOR 2023/24

PRODUCTION

Global production is forecast at 789.8 million tons, up 1.5 million from the previous year. The largest increase is forecast for **Argentina**, which is anticipated to recover following its drought-affected crop the prior year. **India** is estimated up 6 percent to a record 110.0 million tons with rising domestic prices spurring additional area. **EU** production is forecast to rise with favorable weather across the region, except for Spain. **Canada** is also expected up to a near-record on expanded area. **China** is projected up with higher yields. The **United States** is forecast to rise slightly on additional winter wheat harvested area, with all wheat production expected up just 1 percent to 45.2 million tons.



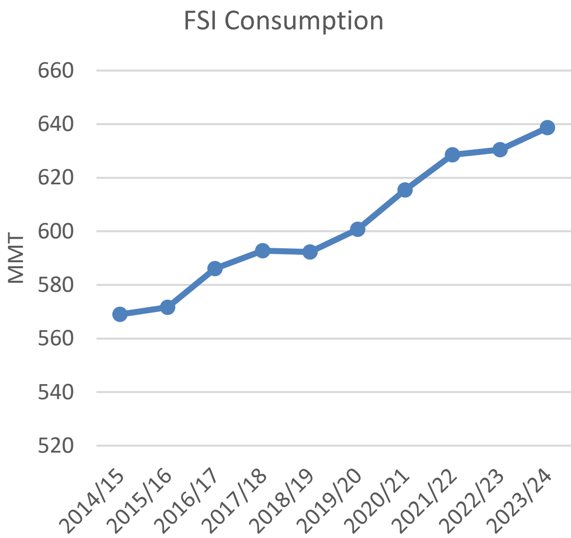
These gains are partially offset by lower crops elsewhere. **Russia** is expected to have an 11-percent decline in production, with reduced area and yield. After 3 consecutive record crops, **Australia** is forecast down 26 percent on anticipated lower yields. **Ukraine** is forecast down more than 20 percent from the prior year and at half the level reached in 2021/22. Area harvested is lower amid ongoing conflict, while reduced access to inputs limits yield potential.

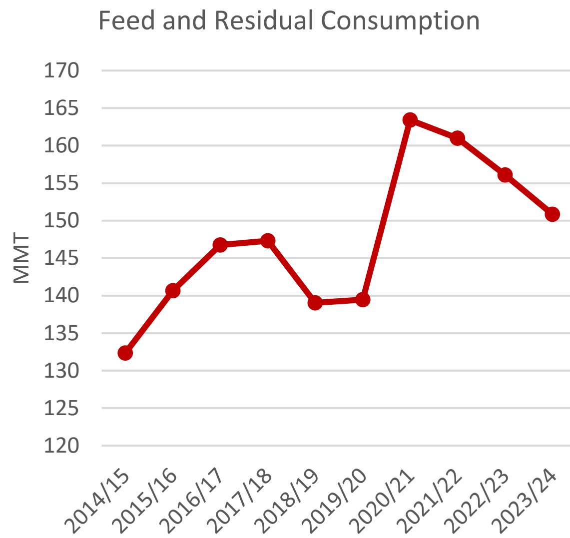


CONSUMPTION

Global wheat consumption is projected at 789.5 million tons, up 2.9 million from last year. Global growth in FSI consumption is expected to rise on population growth with the largest increases in **China** and **Pakistan**. With prices easing, consumption is expected to rebound in some countries where consumers have recently eschewed wheat products in favor of other food grains such as rice, including Indonesia and Nigeria.

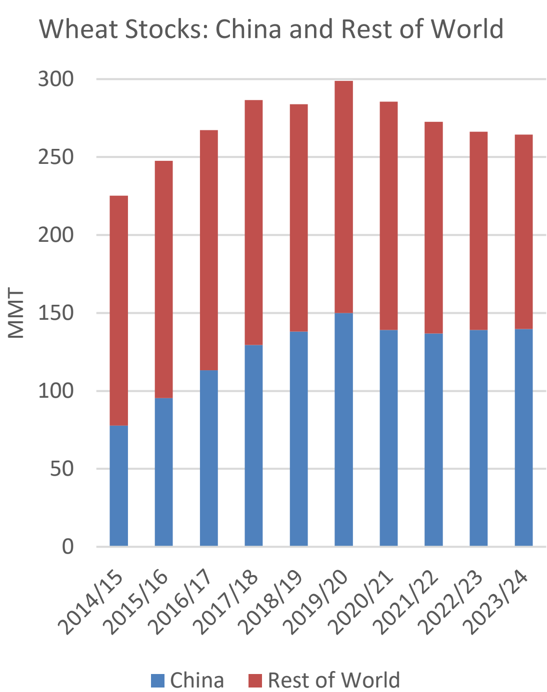
Wheat feed and residual use exhibits more annual variability compared to FSI depending on its price relative to feed grains and harvest quality. In 2023/24, feed and residual use is expected to weaken as corn will be more competitive for feed in most markets given larger U.S. and Brazilian corn production. The "feed and residual" attribute also represents expectations of losses or unaccounted use ("residual" component) at various stages of the marketing chain.

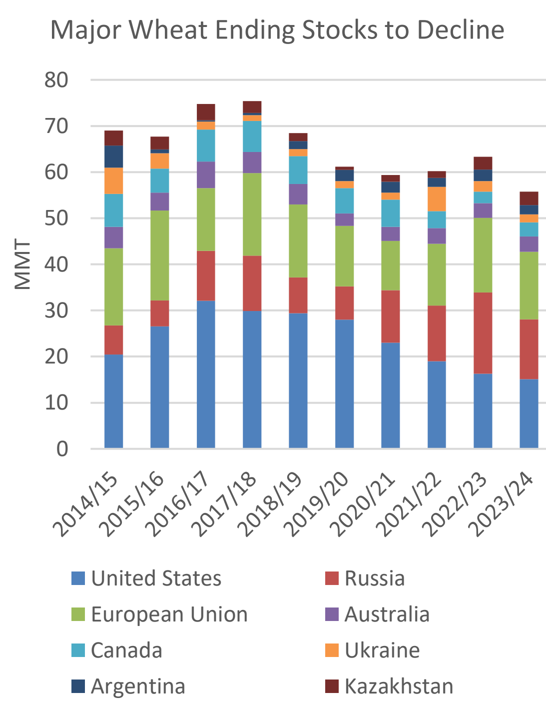




STOCKS

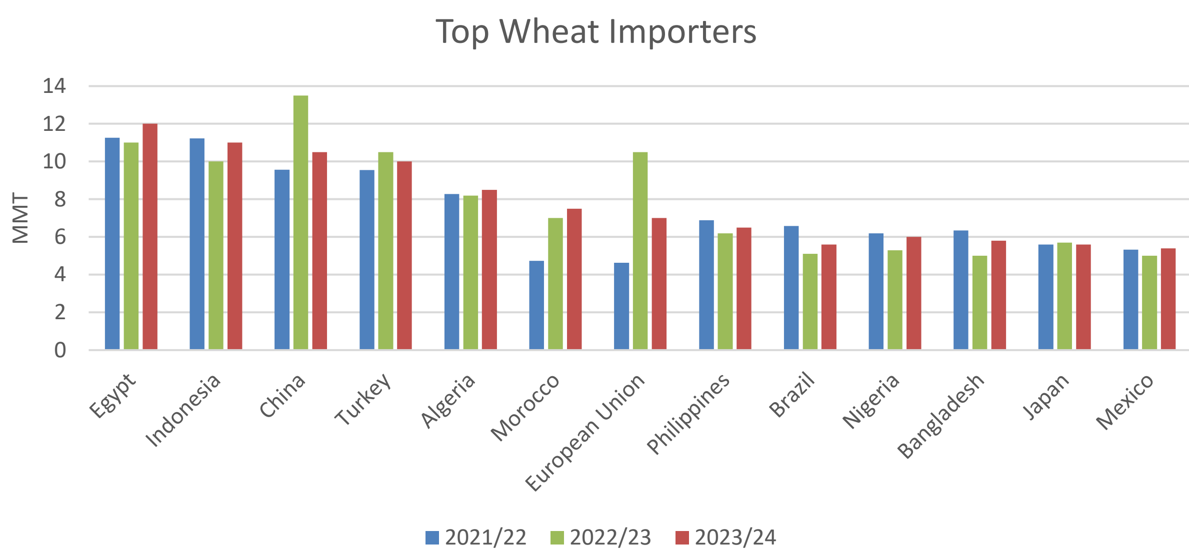
Global wheat stocks are forecast to shrink year over year, mostly on large declines for several major exporters. The largest reduction is for **Russia**, where production is forecast down sharply from last year's record. Russia exports are forecast to remain robust, supported by a reduction in exportable supplies from Ukraine. **EU** stocks are forecast down 9 percent from the prior year. **U.S**. stocks are forecast down 7 percent to 15.1 million tons, the lowest stock level since 2007/08. Meanwhile, **China** stocks are forecast marginally higher and would account for more than half of global stocks. **India** stocks are anticipated to rise on rebounding production and continuation of its export ban.





IMPORTS

Global trade is forecast down slightly with imports declining across East Asia and Europe.



Egypt is forecast to be the largest global importer in 2023/24, with imports rebounding to 12.0 million tons as the country recovers from currency shortages and inflation. Food use is forecast up as migration from nearby countries, including Sudan, is expected to expand next year. Drought conditions will necessitate larger imports throughout North Africa, including **Algeria**, **Morocco**, and **Tunisia**.

Southeast Asia wheat consumption and imports are set to expand with growing population and shifting diets. **Indonesia**, the largest importer in the region at 11.0 million tons, will expand imports as both wheat feed and food use rebound. Imports are also up for the **Philippines** on recovering food use.

China imports are forecast to remain robust at 10.5 million tons, though down from the previous year on a larger domestic crop. Food use continues to expand but feed use is down as corn becomes more price competitive.

Imports for **Turkey** are forecast down slightly at 10.0 million tons with larger domestic production. Nevertheless, it will remain a large importer for both domestic consumption and for re-export as wheat flour and pasta products to foreign markets.

The **European Union** will have the largest year-to-year decline in imports – down 3.5 million tons to 7.0 million – on a larger crop and fewer available imports from Ukraine, which was the primary supplier throughout 2022/23. With more domestic supplies of both wheat and corn, the need for imports is expected to be lower, although imports of durum will continue to be strong.

Western Hemisphere imports are forecast to rebound with ample exportable supplies from Canada and Argentina. **Brazil** is the largest importer in the region, requiring international supplies to supplement its smaller crop and growing exports. **Mexico** will import record volumes of wheat, mostly from the United States.

Imports for **Bangladesh** are anticipated to rebound on ample global supplies and lower prices. Bangladesh primarily imports wheat from India and the Black Sea and will likely rely more heavily on the Black Sea as India's export ban remains in place. Meanwhile, **Pakistan** is forecast to import more on robust food consumption growth and only minor production growth.

Wheat imports are forecast higher for Sub-Saharan Africa. Notably, **Nigeria** imports are forecast up to 6.0 million tons as currency shortages lessen and economic conditions improve.

SELECTED IMPORTERS (1,000 MT)

Country	2022/23	2023/24	Y-Y Change	Reason
Egypt	11,000	12,000	**1,000**	Continued growth in FSI use as population increases with more migration expected in 2023; anticipated recovery from currency challenges
Indonesia	10,000	11,000	**1,000**	Rebound in wheat consumption for both food and feed use; Argentina is poised to recover market share given limited supplies in Australia
China	13,500	10,500	**-3,000**	Import demand remains robust despite larger crop and reduced wheat feed use
Turkey	10,500	10,000	**-500**	Higher-than-anticipated import duties will limit wheat imports for domestic consumption
Algeria	8,200	8,500	**300**	Smaller crop and continued growth in consumption demand
Morocco	7,000	7,500	**500**	Depleted stock levels after second consecutive year of drought-impacted crop
European Union	10,500	7,000	**-3,500**	Increased production and lower supplies of wheat available to import from Ukraine; imports of durum for pasta and other specialized wheat classes will continue
Philippines	6,200	6,500	**300**	Slight recovery in food use and higher feed use with the expiration of current lower import tariff for corn
Brazil	5,100	5,600	**500**	Smaller crop and more exportable supplies from Argentina
Nigeria	5,300	6,000	**700**	Economic recovery and relatively affordable bread prices compared to overall food inflation
Bangladesh	5,000	5,800	**800**	With larger global supplies, anticipate some recovery in demand for wheat and wheat products
Japan	5,700	5,600	**-100**	Slowdown in feed and FSI demand with declining population and increased corn feeding
Mexico	5,000	5,400	**400**	Continued growth in FSI demand
Saudi Arabia	4,700	4,900	**200**	Increased consumption demand with an uptick in residents and tourists; government efforts to bolster stocks

Vietnam	4,500	4,300	**-200**	Reduced wheat feeding on increased corn feed and residual use
Korea, South	4,600	4,300	**-300**	Reduced wheat feed use as corn feed use rebounds
Yemen	3,800	4,000	**200**	Continued commercial and food aid shipments of white wheat
Iran	4,500	4,000	**-500**	Larger production offsets growth in FSI use
Afghanistan	3,600	3,900	**300**	Continued growth in consumption, with imports primarily from Kazakhstan and Uzbekistan
Uzbekistan	4,000	3,500	**-500**	Larger crop reduces import demand
United States	3,400	3,600	**200**	Additional imports from Canada to augment tight supplies
Pakistan	2,600	3,000	**400**	With only minor growth in production but more domestic use, imports are expected to remain robust
Iraq	3,500	3,000	**-500**	Larger crop reduces demand for imported wheat and wheat flour
Sudan	2,600	2,600	**0**	Increased consumption offset by larger production
Kenya	2,400	2,600	**200**	Growth in domestic demand outstrips production increases
Tunisia	1,800	2,300	**500**	Large decline in production coupled with inelastic FSI demand
Thailand	2,500	2,300	**-200**	Reduced wheat feed demand on higher corn feed and residual use
Peru	1,900	2,250	**350**	Continued growth in FSI with population and economic growth
Colombia	2,100	2,200	**100**	Continued growth in FSI demand
Syria	2,300	2,000	**-300**	Larger production

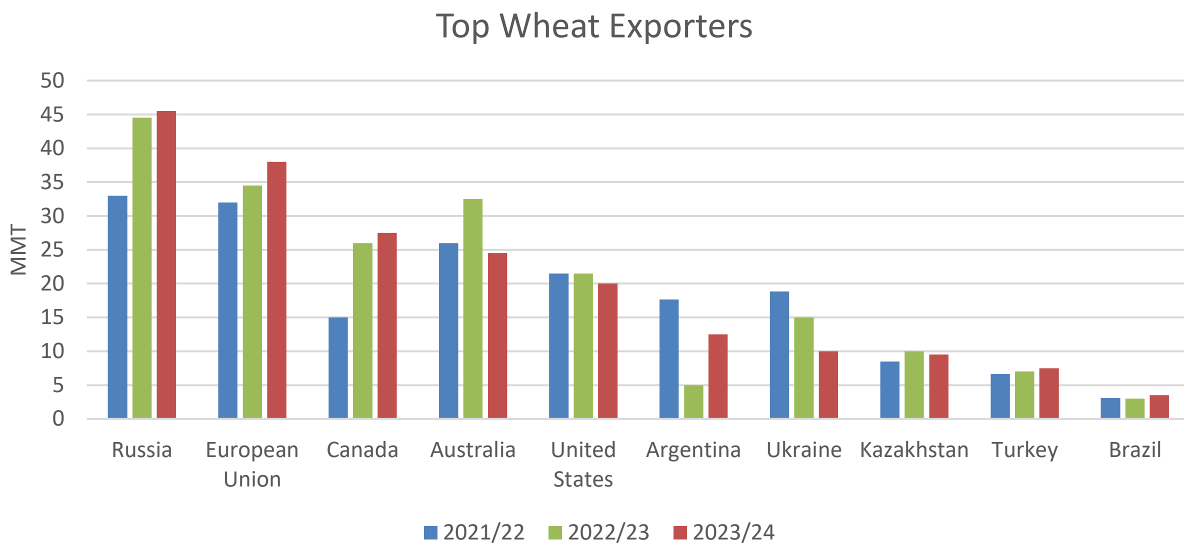
Wheat trade statistics include wheat (1001), flour (1101), bulgur (190430), and selected pasta products (190219, 190230, and 190240) on a grain-equivalent basis (all wheat flour and products are multiplied by 1.368).

The following country-commodity pairs have been discontinued in the PSD database, ending with 2022/23:

Barbados – Wheat
Bhutan – Wheat

EXPORTS

Global trade is projected down slightly from last year's record to 212.5 million tons with some shifts among major suppliers.



Russia is forecast to be the largest exporter for the fourth year in a row. Production is forecast lower, only partially offset by larger beginning stocks. With reduced supplies, both FSI and feed and residual use categories are anticipated lower. Exports are forecast to increase by 1.0 million tons to 45.5 million, leading to a reduction in ending stocks. Its largest markets are expected to remain in Africa and the Middle East.

The **European Union** is projected to remain the second-largest exporter. Production is anticipated to rise, especially in France and Romania. Stocks, which expanded with imports from Ukraine in 2022/23, are expected to fall as exports rise to 38.0 million tons. The EU is anticipated to gain global market share with reduced exports from Ukraine.

Canada is projected to have greater exports based on a larger crop and reduced competition in Asia from Australia. Exports are expected to reach 27.5 million tons.

Australia is anticipated to have a sharp decline in exports with production forecast down by one quarter. Given the reduction in supplies and only slightly lower domestic use, Australia exports are projected down 8.0 million tons to 24.5 million. Australia ships mostly to East and Southeast Asia.

U.S. exports are forecast down to 20.0 million tons. Despite slightly larger production, smaller carryin and continued uncompetitive prices will limit export opportunities. Stocks are forecast to further decline and would be the lowest stocks since 2007/08.

Argentina exports are forecast to rebound to 12.5 million tons on a larger crop after its drought-reduced crop the prior year. Argentina is expected to gain market share in some of Australia's traditional wheat markets including Indonesia, Thailand, and Vietnam.

Ukraine exports are forecast down 5.0 million tons to 10.0 million tons on a smaller crop and tighter beginning stocks. Throughout 2022/23, Ukraine has shipped wheat via truck, rail, and barge to neighboring countries, and by sea under the Black Sea Grain Initiative.

Kazakhstan is forecast down to 9.5 million tons with fewer supplies given reduced production. Nevertheless, the country is expected to remain a key supplier of wheat and wheat flour to the Central Asia region.

SELECTED EXPORTERS (1,000 MT)

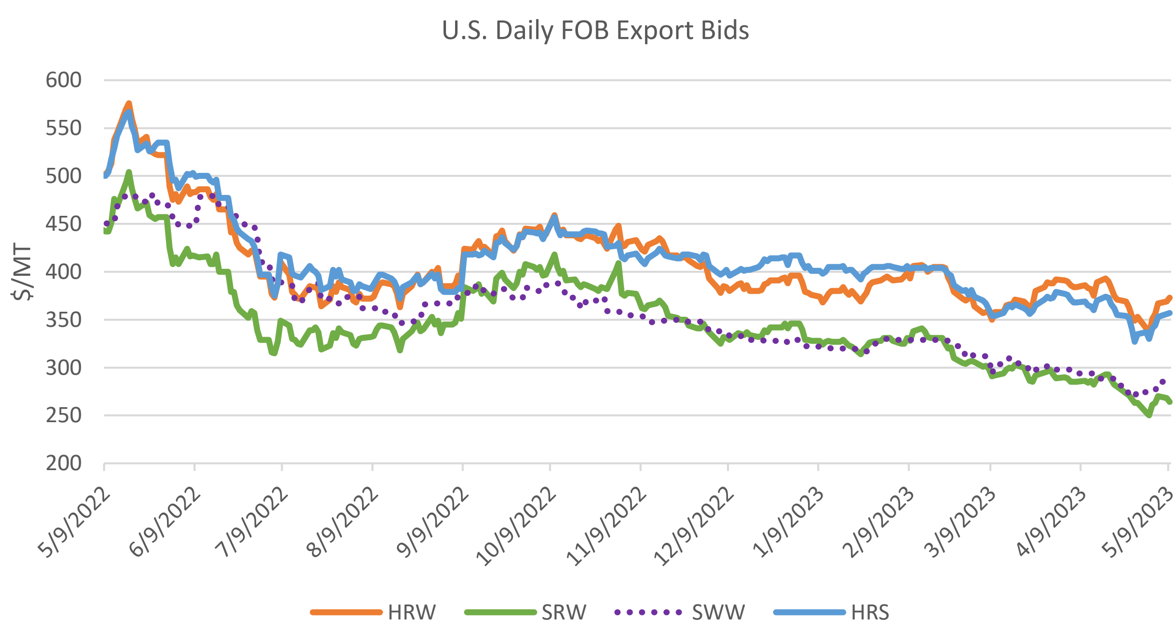
Country	2022/23	2023/24	Y-Y Change	Reason
Russia	44,500	**45,500**	**1,000**	Reduced crop but large beginning stocks; expected to remain price competitive
European Union	34,500	**38,000**	**3,500**	Much larger crop especially in key exporting member states France and Romania
Canada	26,000	**27,500**	**1,500**	Larger crop and robust global import demand, especially from China
Australia	32,500	**24,500**	**-8,000**	Smaller crop
United States	21,500	**20,000**	**-1,500**	Increased competition from other major exporters
Argentina	5,000	**12,500**	**7,500**	Higher production; increased demand from South America and Southeast Asia, especially with Australia's reduced supplies
Ukraine	15,000	**10,000**	**-5,000**	Notably smaller crop due to impacts of war
Kazakhstan	10,000	**9,500**	**-500**	Tighter supplies with smaller crop despite large carryin stocks
Turkey	7,000	**7,500**	**500**	Larger crop and robust global import demand for flour and other wheat products
Brazil	3,000	**3,500**	**500**	Demand continues to increase in Africa and Southeast Asia markets as domestic wheat quality improves and prices remain competitive
United Kingdom	1,800	**1,700**	**-100**	Anticipated to still ship large quantities to the EU, but offset somewhat by more ample corn supplies
Uzbekistan	1,000	**1,500**	**500**	Larger crop
Serbia	900	**1,300**	**400**	Larger production and removal of export restrictions

OVERVIEW FOR 2022/23

Global production is lowered this month, mostly due to downward revisions for Egypt and Paraguay. Consumption is down as large reductions in feed and residual use more than offset higher FSI use. Feed and residual use is revised lower in the European Union and Russia, offsetting an increase in China. Global trade is forecast up with larger exports from Australia, Canada, Ukraine, and the United Kingdom more than offsetting reductions from Brazil, the European Union, Kazakhstan, and Russia. The U.S. season-average farm price forecast is lowered 5 cents to $8.85 per bushel.

WHEAT PRICES

Domestic: Prices for U.S. winter wheat classes have decreased since the April *WASDE* as drought conditions have eased slightly and lower international prices pressure U.S. quotes. U.S. winter wheat planted areas are rated at 29 percent good/excellent according to the latest NASS Crop Progress report on May 8. Hard Red Winter (HRW) is down $13/ton to $373 on weak export demand given ample supplies from several major exporters. Soft Red Winter (SRW) is down $21/ton to $264 on continued favorable growing conditions. Hard Red Spring (HRS) is down $14/ton to $357 as spring wheat plantings progress in line with last year albeit still behind average, according to NASS. Soft White Winter (SWW) is down $14/ton to $284 on favorable weather.

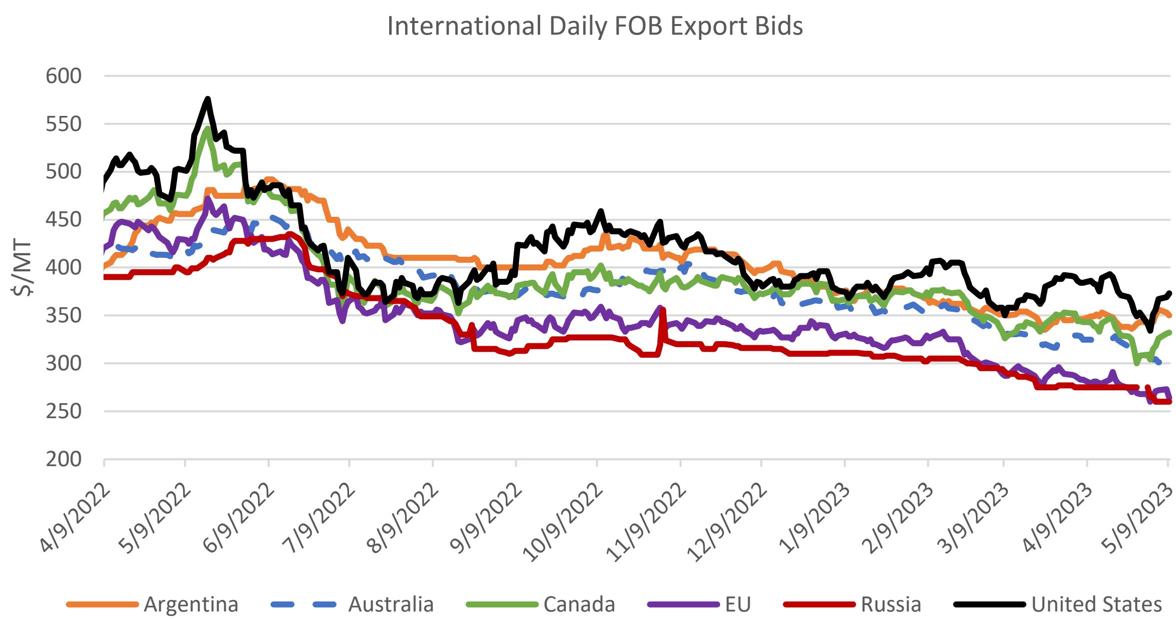


Note: As of May 9, 2023

Global: Global exporter quotes declined over the past month despite mounting uncertainty surrounding the future of the Black Sea Grain Initiative. Favorable production forecasts in the Northern Hemisphere, coupled with tame export demand, applied downward pressure on global prices. Australian quotes dropped $24/ton with increased competition expected from Northern Hemisphere supplies. U.S. quotes dipped $13/ton with subdued export demand, displayed by weak export sales volumes. Russian quotes were down $15/ton on favorable planting progress reports along with lower-than-expected offers for Egypt's recent tender. Canadian quotes slid $12/ton on a higher-than-anticipated acreage forecast and EU quotes decreased $21/ton with improved crop conditions. Argentine quotes, meanwhile, rose $4/ton on exhausted exportable supplies.

Argentina	Australia	Canada	EU	Russia	United States
$350	**$305**	**$332**	**$264**	**$260**	**$373**

Note: As of May 9, 2023



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

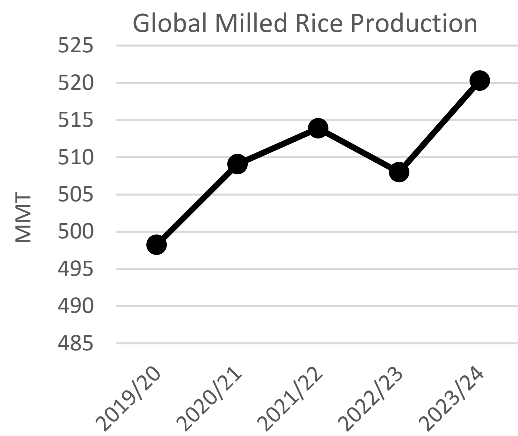
TRADE CHANGES IN 2022/23 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Bangladesh	Imports	4,800	**5,000**	**200**	Strong end-of-year imports from Black Sea
Brazil	Imports	5,600	**5,100**	**-500**	Slowing import pace
China	Imports	12,000	**13,500**	**1,500**	Largest imports since 1991/92 given strong pace of purchases from Australia and Canada
Iran	Imports	4,000	**4,500**	**500**	Robust feed and residual demand
Kenya	Imports	2,200	**2,400**	**200**	Strong imports from Russia
Korea, South	Imports	5,000	**4,600**	**-400**	Reduced wheat feeding
Morocco	Imports	7,500	**7,000**	**-500**	Slow import pace
Nigeria	Imports	5,500	**5,300**	**-200**	Slow imports reflecting weak economic conditions
Saudi Arabia	Imports	4,500	**4,700**	**200**	Government efforts to bolster wheat reserves
Thailand	Imports	2,000	**2,500**	**500**	Increased FSI consumption and stocks
Vietnam	Imports	4,300	**4,500**	**200**	Increased wheat feeding and stocks
Australia	Exports	30,000	**32,500**	**2,500**	Strong demand, especially from China and other Asia markets
Brazil	Exports	3,500	**3,000**	**-500**	Increased competition with corn and soybeans for export capacity
Canada	Exports	25,000	**26,000**	**1,000**	Continued demand from China
Egypt	Exports	400	**600**	**200**	Lifted ban on flour exports
European Union	Exports	35,000	**34,500**	**-500**	Slowing export pace
Kazakhstan	Exports	10,500	**10,000**	**-500**	Reduced exports to Afghanistan in recent months
Nigeria	Exports	600	**400**	**-200**	Lower supplies
Russia	Exports	45,000	**44,500**	**-500**	Lower expected shipments at end of the marketing year
Ukraine	Exports	14,500	**15,000**	**500**	Strong exports to date through solidarity lanes and BSGI
United Kingdom	Exports	1,300	**1,800**	**500**	Large shipments to Spain
Uzbekistan	Exports	800	**1,000**	**200**	More wheat flour exports to Afghanistan

RICE

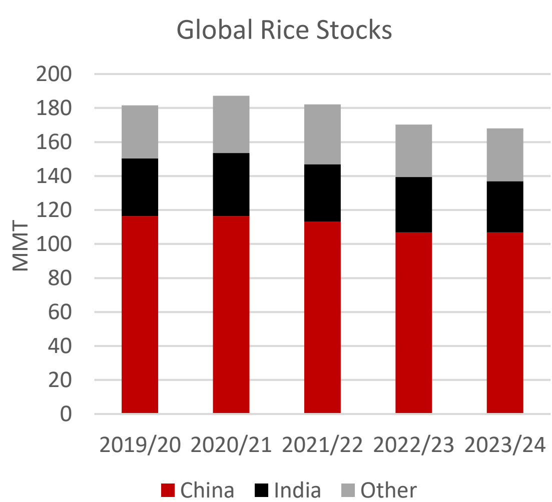
OVERVIEW FOR 2023/24

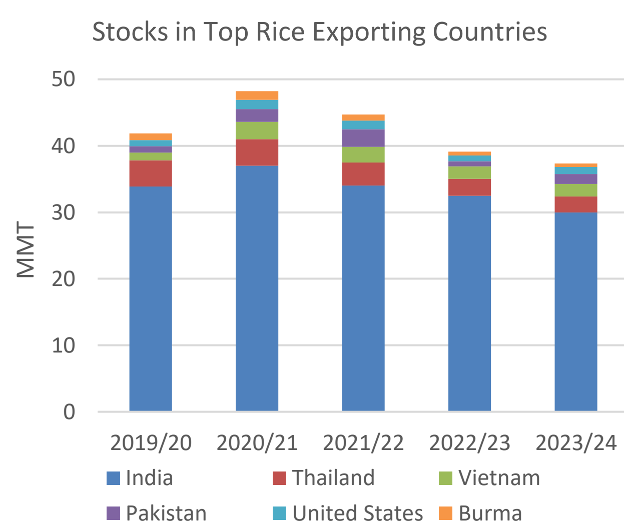
Global rice **production** is up 12 million tons from the prior year to a new record of 521 million tons. The biggest year-to-year increase is for **Pakistan**, where rice production is expected to recover from the flood-reduced 2022/23 crop. **China** is forecast to see an increase of 3 million tons after experiencing a drought in its southern provinces during the prior year. **India** is forecast to have a record crop for the eighth consecutive year. Larger crops are also forecast in major rice-producing countries including **Indonesia, Burma, Thailand**, and **Bangladesh**.



World rice **consumption** is up 500,000 tons to a record 520 million tons. Food accounts for the bulk of rice consumption globally. Additionally, broken rice for feed has grown over the past few years spurred by high global feed prices. However, use of broken rice for feed is expected to decline in the largest consumer, **China**. China's largest broken rice supplier, India, banned broken rice exports in September 2022. China has offset this loss in part by turning to other suppliers but is importing smaller quantities overall. Going forward, prices for alternative feed grains (e.g., corn, sorghum, etc.) are expected to decline and China is expected to shift back to traditional feed grains. Consumption in the second-largest rice consuming country, **India**, is projected to be record high as the Government of India will continue to allocate rice in its public distribution programs. Consumption in Sub-Saharan Africa, South Asia, and the Middle East are forecast to see continued growth with rising populations.

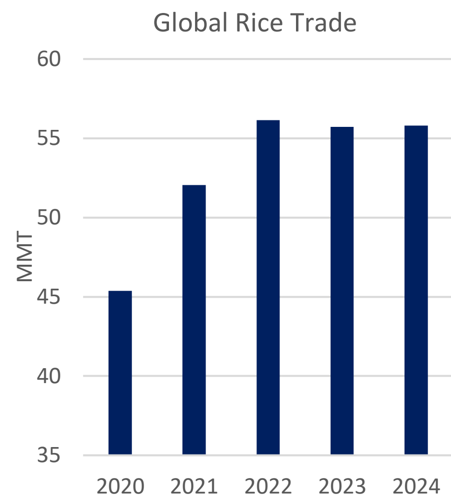
Global **stocks** are forecast down by 2.5 million tons to 167 million. **China** and **India** hold 81 percent of global stocks. **China** stocks are expected to be unchanged and account for the majority of global stocks. Stocks in India are forecast to decline with robust domestic use and stable exports. Ending stocks for the **United States** are forecast to rebound with a larger crop. Overall, stocks in major rice exporting countries are forecast to decline for the third consecutive year.



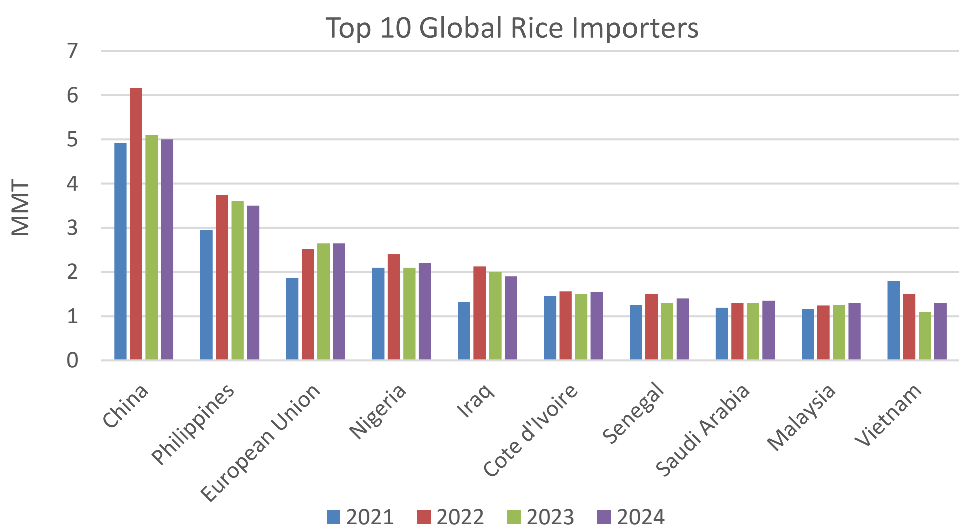


Imports

Global imports are virtually unchanged as lower imports in Southeast Asia offset increased demand from Sub-Saharan Africa and South Asia. The largest decline is in **Indonesia** where imports are forecast down 1.1 million tons to 700,000 tons. In March 2023, the Government of Indonesia announced plans to import up to 2.0 million tons by the end of the year to help replenish stocks. In 2023/24, sufficient beginning stocks will lead to less rice imports.



China is projected to import roughly the same quantity – 5.0 million tons – as in 2022/23 on competitive global prices for milled rice. Broken rice imports from India and Pakistan, which reportedly are imported outside of China's tariff rate quota, will not continue in large quantities as rice loses its price advantage compared to corn for feed use. Nevertheless, China is expected to remain the leading global rice importer.



Philippines imports are forecast down slightly to 3.6 million tons with a larger forecast for production and continued growth in consumption. Consumption has been rising relative to wheat given somewhat less price inflation for rice.

In the Middle East, **Iraq** is projected to import 1.9 million tons, slightly less than the revised 2022/23 record high. The amount of rice entering Iraq has skyrocketed in recent months, particularly due to a smaller crop and increased consumption. With a rebound in the Iraq crop forecast for 2023/24, imports are forecast to decline modestly. In both the **United Arab Emirates** and **Saudi Arabia,** rice imports and consumption are forecast slightly higher with population growth, increased tourism, and more foreign workers.

European Union imports are forecast at 2.7 million tons, unchanged from the record 2022/23 estimate. While the EU crop is expected higher, consumption is still anticipated to grow from the prior year.

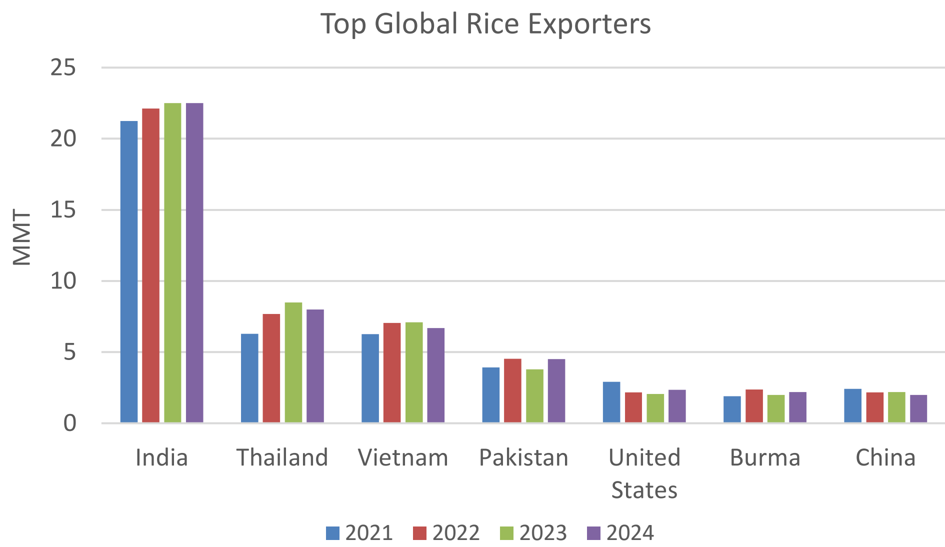
Sub-Saharan Africa continues to be the largest importing region and is forecast to import more than 17.0 million tons, up 600,000 tons compared to 2022/23. Imports continue to grow as consumption outpaces gains in regional production. Growth in rice consumption is driven by expanding populations, shifting diets, and a growing consumer preference for Asian varieties. In the region, the largest importers are **Nigeria**, **Cote d'Ivoire**, and **Senegal**, which are all forecast to increase imports.

SELECTED IMPORTERS (1,000 MT)

Country	2023	2024	Y-Y Change	Reason
Australia	250	**200**	**-50**	Larger crop and ample carryover stocks, despite continued demand for Indian and Thai rice
Bangladesh	800	**1,000**	**200**	Tight carryin stocks will lead to continued purchases of rice despite larger crop
Benin	600	**625**	**25**	Continued shift in diet toward rice
Brazil	900	**950**	**50**	With its smallest crop in 25 years, anticipated to import more from neighboring countries
Canada	600	**600**	**0**	Flat consumption
China	5,100	**5,000**	**-100**	Less broken rice for feed use as imported rice prices rise and rice loses its price advantage against corn
Cote d'Ivoire	1,500	**1,550**	**50**	Imports to rise to meet growing consumption on modest production growth
Cuba	430	**445**	**15**	Rising demand in line with population growth
Egypt	500	**400**	**-100**	Higher domestic supplies
Ethiopia	800	**750**	**-50**	Declining consumption as demand is shifting to other grains
European Union	2,650	**2,650**	**0**	Some production recovery and tighter supplies from core exporters
Ghana	800	**900**	**100**	Rising demand in line with population growth
Haiti	450	**460**	**10**	Rising consumption demand
Indonesia	1,750	**700**	**-1,050**	Imports return to previous levels after government concludes purchasing to boost stocks
Iran	1,250	**1,250**	**0**	Steady demand for basmati rice
Iraq	2,000	**1,900**	**-100**	Slightly larger crop will partially offset imports
Japan	685	**685**	**0**	WTO commitments
Kenya	600	**625**	**25**	Domestic demand continues to grow due to rice being a lower-cost grain
Korea, South	420	**420**	**0**	TRQ quantities based on WTO commitments
Malaysia	1,250	**1,300**	**50**	Rising imports support growing consumption and stocks

Mexico	800	**850**	**50**	Imports support growing consumption and rebound in stocks
Mozambique	700	**710**	**10**	Production is flat, while consumption continues to rise
Nepal	1,000	**1,025**	**25**	Population growth increasing demand
Nigeria	2,100	**2,200**	**100**	Rice fields are still recovering from floods, imported rice remains cheaper than domestic supplies
Philippines	3,700	**3,600**	**-100**	A larger crop offsets the need for more imports
Saudi Arabia	1,300	**1,350**	**50**	Growth in population and increased tourism
Senegal	1,300	**1,400**	**100**	Custom duties have been reduced by 10 percent and agreement with India to import broken rice
United Arab Emirates	900	**950**	**50**	Increased tourism and larger expatriate community
United Kingdom	650	**680**	**30**	Steady growth in consumption and no domestic production
United States	1,250	**1,250**	**0**	Larger crop but sustained fragrant rice imports
Venezuela	525	**575**	**50**	Imports from MERCOSUR countries with no duties rise to replenish low stocks
Vietnam	1,100	**1,300**	**200**	Higher imports from Cambodia with flat production

Exports



India rice exports for 2023/24 are forecast unchanged at 22.5 million tons and India will continue as the largest rice exporter, accounting for 40 percent of global trade. Exports are expected to remain high despite the current export tax and the ban on broken rice exports. While exports to China have seen a major decline as broken rice shipments came to a halt, India remains a large supplier to markets in Africa, Asia, and the Middle East due to competitive prices.

Vietnam rice exports are forecast at 6.7 million tons, down 400,000 tons from the prior year, primarily due to sharply lower demand from Indonesia. The Philippines and China, together accounting for 60 percent of Vietnam exports, are expected to continue purchasing large amounts of rice. Demand in Sub-Saharan Africa is also growing for Vietnamese rice.

Thailand rice exports are forecast at 8.0 million tons, down 500,000 tons from the prior year. Lower demand is expected from Southeast Asia, particularly from Indonesia. However, large exportable supplies will keep Thai export prices competitive.

Pakistan exports are up 700,000 tons to 4.5 million tons mainly due to a rebounding crop. The 2022/23 crop was reduced by floods, limiting exportable supplies. 2023/24 production is forecast to increase by 60 percent, which will lead to lower prices and more exports.

Burma exports are forecast at 2.2 million tons, up 200,000 tons as key markets including the European Union continue to demand rice from Burma. Further, exports are expected to rebound after a smaller crop in 2022/23.

Brazil exports are forecast down to 900,000 tons as it experiences its smallest forecast rice crop in over 25 years after shipments exceeded 1.0 million tons during the previous 2 marketing years. However, the depreciating Brazilian currency will continue to encourage exports, largely to Latin America.

Argentina rice exports are forecast at 400,000 tons, up 50,000 from the prior drought-affected year. Argentina's top export destinations are forecast to remain the same, especially Brazil due to its forecast smaller crop.

Paraguay rice exports are forecast at 730,000 tons on rebounding rice production. Brazil will remain Paraguay's top destination, followed by Chile and Mexico.

Uruguay rice exports are forecast to remain steady at 950,000 tons. Brazil is expected to be the main destination of Uruguayan milled and brown rice to meet demand after a smaller crop. Mexico is also expected to be one of the top destinations for milled and paddy rice from Uruguay.

United States exports are forecast to rise with a larger crop and lower prices. Production is forecast to rebound for long grain and especially for medium- and short-grain rice which was affected by drought in California last year. With greater supplies and reduced competition from Brazil, U.S. exports are expected to regain some market share in the Western Hemisphere. Exports are projected to increase to East Asia due to crop recovery in California.

SELECTED EXPORTERS (1,000 MT)

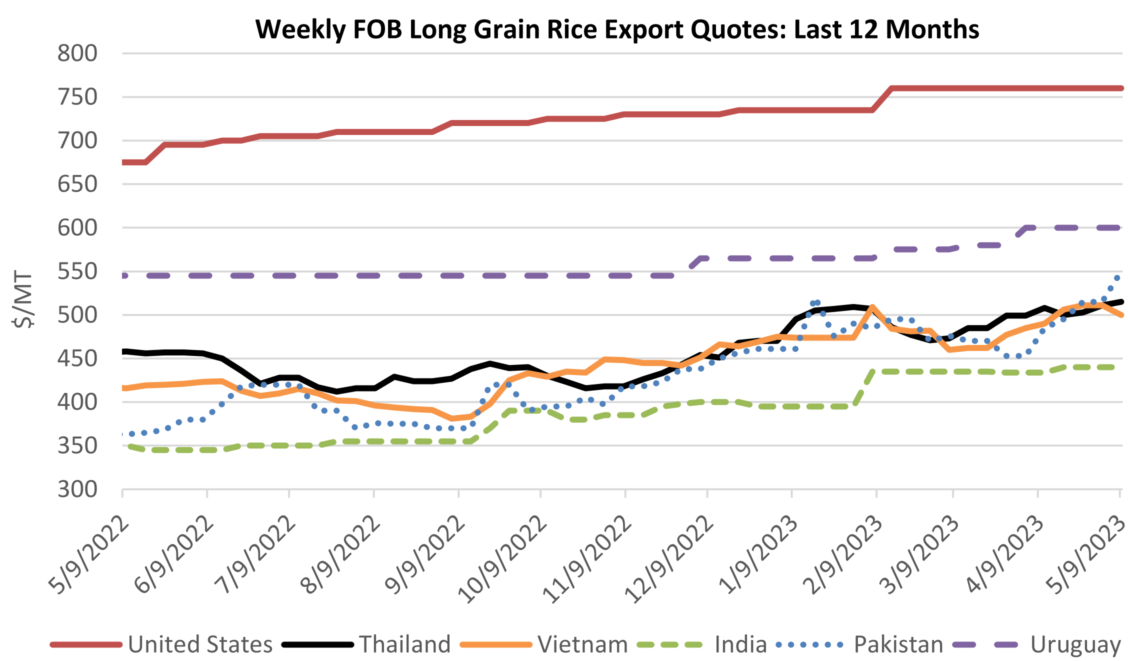
Country	2023	2024	Y-Y Change	Reason
Argentina	350	**400**	**50**	Resuming to average export levels with larger crop and higher demand from Brazil
Australia	250	**275**	**25**	Larger crop and carryover stocks
Brazil	1,100	**900**	**-200**	Exports are down due to the smallest crop in over 25 years
Burma	2,000	**2,200**	**200**	Continued demand from key market the EU, which is expecting another below-average crop
Cambodia	1,800	**1,850**	**50**	Informal trade with neighboring countries expected to continue
China	2,200	**2,000**	**-200**	Reduced exports to Egypt and increased competition from Australia
European Union	400	**400**	**0**	Continues as main supplier to the United Kingdom, but a relatively small crop limits additional exports
India	22,500	**22,500**	**0**	Steady demand from Africa, the Middle East, and Asia, but ban on broken rice limits trade with China
Pakistan	3,800	**4,500**	**700**	A rebounding crop will allow exports to return to previous levels
Paraguay	720	**730**	**10**	Continued exports to Brazil
Thailand	8,500	**8,000**	**-500**	Reduced export demand from Southeast Asia, especially Indonesia
United States	2,050	**2,350**	**300**	Greater supplies of medium-grain rice and reduced competition from South American suppliers
Uruguay	950	**950**	**0**	Continued demand from the EU and Brazil
Vietnam	7,100	**6,700**	**-400**	Fewer exports to Indonesia

OVERVIEW FOR 2022/23

Global rice production is reduced this month on smaller crops in Burma and Pakistan. Global consumption is higher primarily due to an increase in India offsetting decreases in Ethiopia, Guinea, and Pakistan. Stocks are estimated higher mostly in India and Pakistan. Trade is estimated lower as Burma will export less given tightening stocks and export policy changes. Sri Lanka imports are lower due to a temporary import ban.

RICE PRICES

Global: U.S. and Uruguay export quotes remain unchanged at $760/ton and $600/ton respectively due to tight supplies. Thai and Vietnam rice quotes tracked closely, with Thai prices rising $16/ton to $515/ton and Vietnamese prices up $15/ton to $500/ton amid stronger demand from Indonesia. India prices remain the lowest among major exporters and were up just $5 to $440/ton. Pakistan rice export prices rose $97/ton to $550 on tightening supplies.



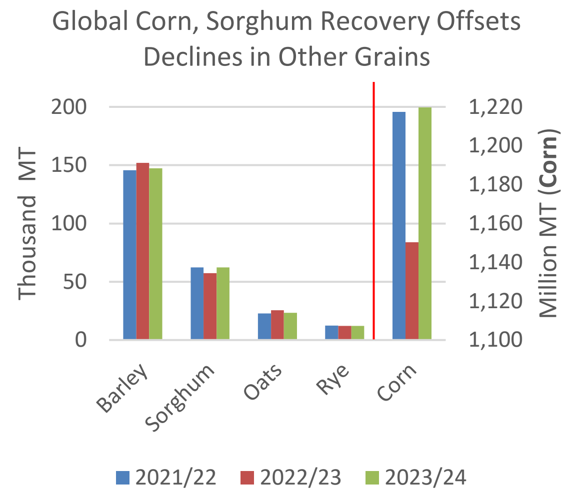
TRADE CHANGES IN 2023 (1,000 MT)

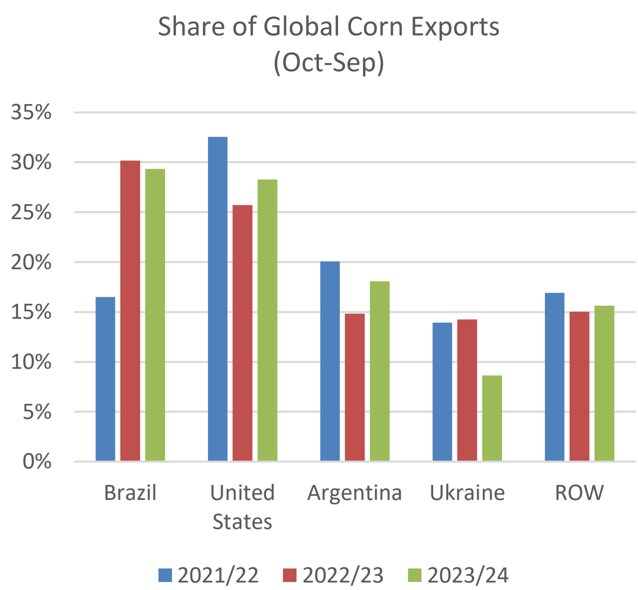
Country	Attribute	Previous	Current	Change	Reason
Ethiopia	Imports	950	**800**	**-150**	Slow pace of trade
Ghana	Imports	950	**800**	**-150**	Small purchases in the beginning of the year
Nepal	Imports	1,100	**1,000**	**-100**	Lower imports from India
Nigeria	Imports	2,300	**2,100**	**-200**	Larger crop
Philippines	Imports	3,600	**3,700**	**100**	Large exports from key supplier, Vietnam
Senegal	Imports	1,100	**1,300**	**200**	Continued purchases of Indian broken rice amid recent agreement
Sri Lanka	Imports	450	**25**	**-425**	Temporary import ban in place, no licenses have been issued
Tanzania	Imports	200	**350**	**150**	Greater demand due to a smaller crop
Burma	Exports	2,400	**2,000**	**-400**	Lower production
Cambodia	Exports	1,700	**1,800**	**100**	Strong demand from key markets

COARSE GRAINS

2023/24 OVERVIEW

Global **coarse grain** production is projected to increase as strong growth in corn and sorghum more than offsets declines in barley, oats, and rye. Coarse grain production in the United States, China, the European Union, Brazil, and Argentina is forecast higher, more than offsetting smaller crops in Ukraine, Australia, and Canada. Global coarse grain consumption is expected to grow modestly from 2022/23 as expectations of lower prices for corn and sorghum support worldwide demand growth, more than offsetting weaker demand for barley, oats, and rye.

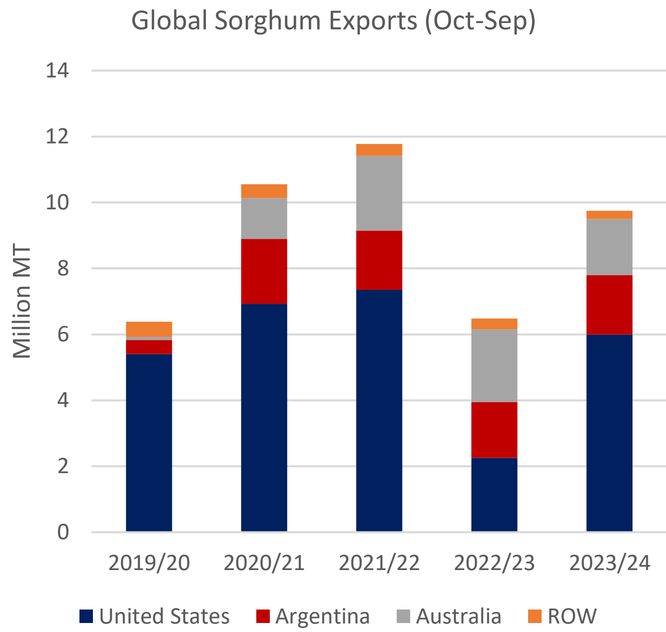


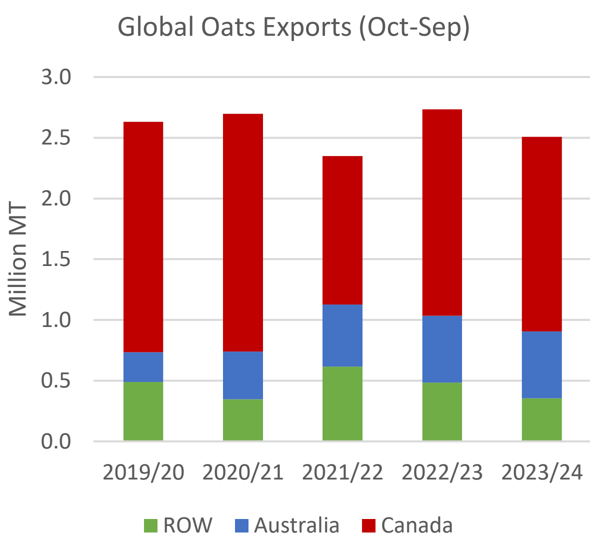


The global **corn** outlook is for higher production, trade, consumption, and ending stocks. Production is projected to rebound with larger crops in the United States, the European Union, and Argentina more than offsetting a smaller crop in Ukraine. Brazil corn production is projected down marginally from the record high of 2022/23. Global trade will grow on record exportable supplies and lower prices from Brazil and a recovery in supplies from key exporters Argentina and the United States. Global consumption is also forecast up with expectations of lower corn prices encouraging demand for corn, largely for feed use, worldwide. Ending stocks are forecast up, almost entirely due to stock building in the United States.

The global **barley** outlook is for lower production, trade, and ending stocks. Production is projected to decline as smaller crops primarily in Australia, Russia, and Algeria more than offset increases in the European Union, India, and Turkey. Consumption for feed decreases while FSI (food, seed, and industrial) use is marginally up from 2022/23 levels. Global trade is down, primarily due to a decline in exportable supplies from Australia. With global production shrinking by a larger amount than consumption, global ending stocks are projected to tighten to the lowest level since 1983/84.

The global **sorghum** outlook is for higher production, consumption, trade, and ending stocks. Production is projected up as higher production in Brazil, India, Niger, and the United States more than offset cuts to Australia and Sudan. U.S. production is forecast to recover on higher area as indicated in the March *Prospective Plantings* report. Global sorghum trade is expected to grow on the recovery of exportable supplies in the United States, more than offsetting lower exports from Australia. China sorghum imports are forecast to grow as a result. Ending stocks are projected higher as the recovery in production outpaces that of consumption.

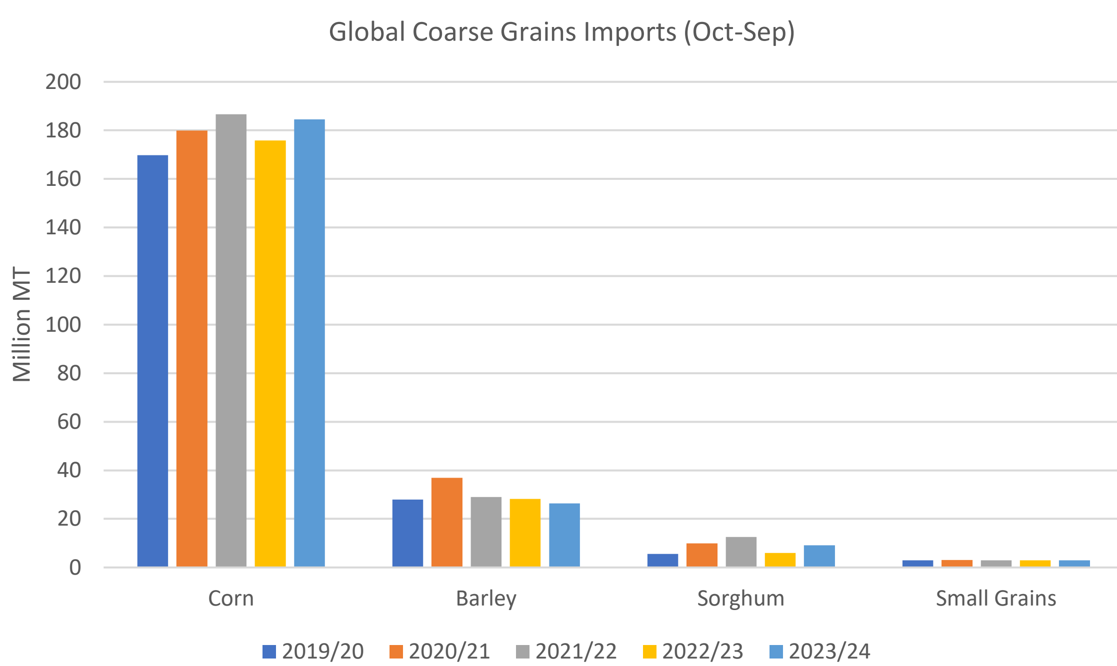




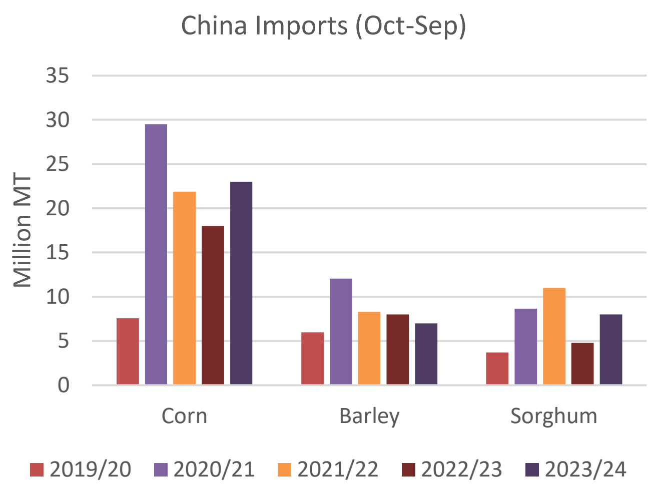
For small grains, **oats** production is projected lower primarily on a cut to Canada and **rye** production is essentially unchanged as a gain in the European Union nearly offsets cuts to Canada and Russia. Global consumption is expected to shrink for both oats and rye. Global oats trade is projected to fall on smaller Canada exports. Global rye trade is projected up very modestly on higher exports from the European Union. Ending stocks of oats are projected to fall as consumption shrinks less than production. Global rye ending stocks are forecast essentially unchanged, remaining at a historically low level.

Selected Importers

Country	Commodity	2022/23	2023/24	Y-Y Change	Reason
China	Barley	8,000	**7,000**	-1,000	Tighter global supplies of barley, plentiful corn
	Corn	18,000	**23,000**	**5,000**	Easing of global prices and ability to import from Brazil, Ukraine, and the United States
	Sorghum	4,800	**8,000**	**3,200**	Rebound in U.S. production
Egypt	Corn	7,000	**8,500**	**1,500**	Economic improvement
European Union	Corn	24,500	**20,000**	-4,500	Production recovery
Iran	Corn	8,200	**8,700**	**500**	Increased supply availability, particularly from Brazil
Japan	Corn	15,000	**15,500**	**500**	Large, lower cost global supplies of corn supporting stronger imports
South Korea	Corn	11,300	**11,800**	**500**	Large, lower cost global supplies of corn supporting stronger imports
Mexico	Corn	17,200	**18,000**	**800**	Higher feed use and more supplies from the United States
Saudi Arabia	Corn	4,300	**4,700**	**400**	Higher poultry feed use
Taiwan	Corn	4,300	**4,600**	**300**	Low price supporting higher demand
Vietnam	Corn	10,300	**11,200**	**900**	Larger South American supplies



China imports of corn, barley, and sorghum are projected to total 38.0 million tons, up from the revised 2022/23 estimate as higher corn and sorghum imports offset lower barley imports.



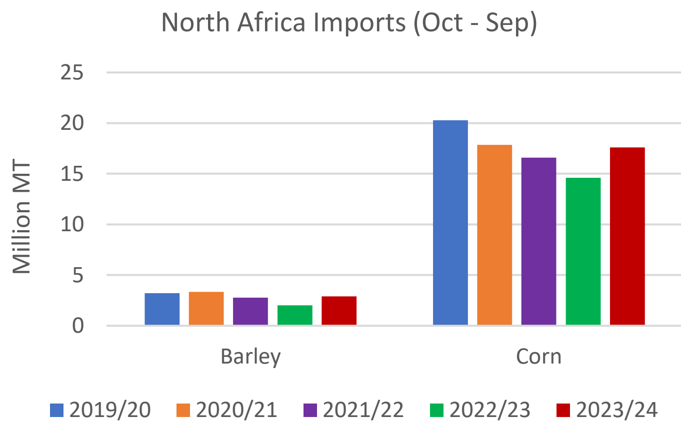
Corn imports are forecast higher in 2023/24 on access to plentiful and price-competitive Brazil corn supplies, in addition to supplies from the United States and Ukraine. China recorded substantive corn imports from Brazil beginning in January 2023. With a plentiful 2023 safrinha expected, some of those supplies will be exported in 2023/24. **Barley** imports are forecast to fall from the revised 2022/23 estimate. **Sorghum** imports will also grow, primarily reflecting a recovery in U.S. production and exportable supplies that more than offsets lower Australia sorghum exports.

In the China domestic market, corn for feed use is forecast to expand, supported by the expectation of competitive global prices and higher domestic production in China. Food, seed, and industrial use is forecast unchanged from 2022/23.

Imports of **corn** by both **Japan** and **South Korea** are forecast to increase by 500,000 tons, to 15.5 million and 11.8 million respectively, on an anticipated decline in global corn prices. If realized, South Korea corn imports would be the second highest on record, and Japan the highest since 2020/21. Modest growth is also expected in **Taiwan** as strong feed demand lifts imports by 300,000 tons.

European Union corn is forecast at 20.0 million tons, down 4.5 million from the previous year. Domestic production is forecast to recover from the heavily drought-affected crop in 2022, mitigating the need for imports in a year when Ukraine, a major supplier, is forecast to have smaller supplies and EU wheat feeding is also forecast to increase. At the same time, supplies from Brazil, the European Union’s second major supplier, are forecast at a record high and imported corn will likely be price competitive against alternative feed grains.

Mexico corn imports are projected at a record 18.0 million tons, up 800,000 tons from the 2022/23 estimate. Mexico mostly grows white corn but imports primarily yellow corn for feed use. Growth in imports is supported by the expectation of easing global prices and a recovery in U.S. corn production as Mexico is a major market for U.S. corn. At the end of April, outstanding sales for the U.S. 2023/24 marketing year were 1.7 million tons, very modestly higher than the same time a year ago.



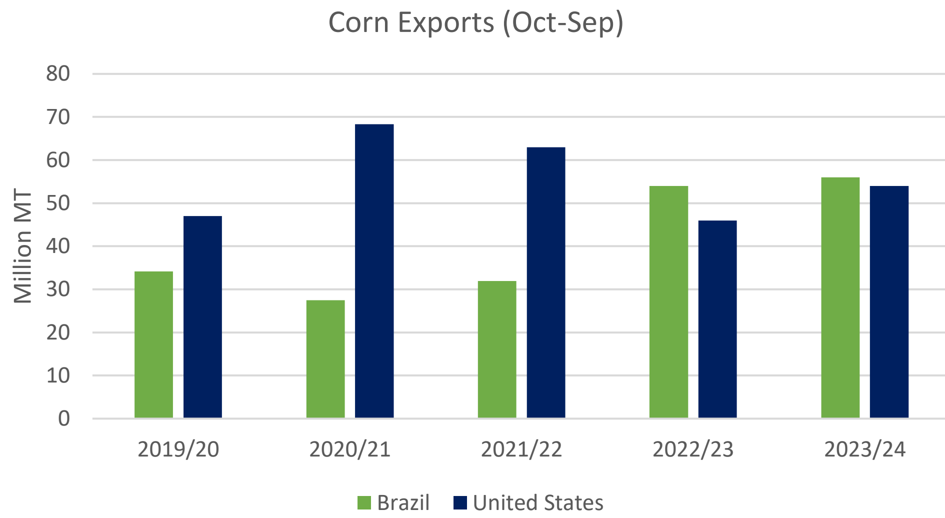
For North Africa's largest corn importer, **Egypt, corn** imports are forecast at 8.5 million tons, a 21-percent increase over the revised prior-year estimate. Imports in 2022/23 are estimated to fall to a 10-year low due to a range of economic challenges and high global prices. Imports are projected to rebound in 2023/24 but remain smaller relative to history. Feed demand in the poultry sector, the major user of corn, is expected to increase on larger, more affordable global supplies. For **Algeria**, **Morocco**, and **Tunisia**, both **corn** and **barley** are forecast to increase. Domestic production of barley, the major feed grain grown in the Maghreb region, is expected to decline or remain low in these countries. 2022/23 barley exports to the region were significantly lower than recent years, due in part to higher global prices.

Iran corn and **barley** imports are projected to grow from the revised 2022/23 estimates. **Turkey** imports of **corn** and **barley** are forecast down from the prior year. While the country has remained a strong market for Russia, Ukraine, and the European Union, 2023/24 production for both corn and barley are forecast to grow, reducing the need for imports. For **Saudi Arabia**, **barley** imports are projected at 4.4 million tons, up marginally from the 2022/23 estimate; **corn** imports are forecast to grow to 4.7 million. Tight global barley supplies and plentiful corn supplies encourage the trend of greater corn feeding.

Vietnam corn is up 900,000 tons to 11.2 million as abundant supplies of South American corn will be available to meet growing feed demand. In 2022/23, tightness in global corn supplies and drought in key supplier Argentina maintained elevated corn import prices and hamstrung Vietnam corn imports. With prices expected to ease, Vietnam is forecast to resume large imports and, if realized, will be the sixth largest importer in the world.

Selected Exporters

Country	Commodity	2022/23	2023/24	Y-Y Change	Reason
Argentina	Barley	2,700	**2,600**	-100	Lower demand from China
	Corn	26,500	**34,500**	8,000	Expectation of normal weather and higher production in 2024
Australia	Barley	8,000	**5,500**	-2,500	Smaller crops for both sorghum and barley
	Sorghum	2,200	**1,700**	-500	
Brazil	Corn	54,000	**56,000**	2,000	Record production and exportable supplies, if realized
Canada	Barley	3,100	**2,900**	-200	Slightly smaller production and lower demand from China
European Union	Barley	6,000	**6,900**	900	Larger crops for both corn and barley
	Corn	2,600	**5,000**	2,400	
India	Corn	4,000	**3,600**	-400	Smaller crop for corn
Paraguay	Corn	3,700	**3,000**	-700	Decline in production after a record high in Jun 2022 – May 2023 marketing year
Russia	Barley	4,800	**4,500**	-300	Smaller production
	Corn	4,100	**4,200**	100	Larger production
Serbia	Corn	900	**2,500**	1,600	Crop recovery, higher production
South Africa	Corn	3,400	**3,400**	0	Ample supplies in both years
Ukraine	Barley	2,400	**2,300**	-100	Modestly lower production
	Corn	25,500	**16,500**	-9,000	Lower production and depletion of exportable stocks from 2021/22 marketing year
United States	Corn	46,000	**54,000**	8,000	Recovery in production for both corn and sorghum
	Sorghum	2,250	**6,000**	3,750	



U.S. corn is up 8.0 million tons to 54.0 million on higher production, though competition from South America is expected to be strong. U.S. corn now competes with Brazilian corn in addition to Ukrainian supplies in China, forecast to be the world's largest importer. **Sorghum** is up 3.75 million tons to 6.0 million as production is expected to recover from the prior year's heavily drought-affected crop.

Brazil corn is forecast 2.0 million tons higher from the revised 2022/23 estimate to 56.0 million on continued production expansion and competitive prices. Supplies from the 2023 and 2024 safrinha (if realized) are expected to contribute to strong exports at the beginning and end, respectively, of 2023/24. Brazil begins with an export forecast higher than that of the United States.

Argentina corn is forecast up 8.0 million tons to 34.5 million on the expectation of normal weather and higher production for the 2023/24 marketing year (Mar 2024 – Feb 2025) improving export prospects after harvest. **Barley** and **sorghum** exports are forecast to remain little changed.

Ukraine corn is down 9.0 million tons to 16.5 million. Production is forecast down on reduced area and yields. Signing of the Black Sea Grain Initiative (BSGI) in July 2022 greatly improved Ukraine's ability to export grain. As of this publication, the BSGI was extended two times, through at least May 19, 2023.

India corn is down 400,000 tons to 3.6 million under expectations of a smaller crop. Lower global corn prices will weaken incentives to plant corn. Forecast growth in demand for domestic feed use will also tighten exportable supplies.

European Union corn is forecast up 2.4 million tons to 5.0 million reflecting higher production in major producing member states. **Barley** is also forecast up 900,000 tons to 6.9 million on higher production.

Australia barley is down 2.5 million tons to 5.5 million on a smaller crop. Australia barley has seen strong import demand from East Asia and the Middle East in recent years as an affordable feed grain, but ample global supplies of corn and tighter production will likely raise prices, reducing export demand in 2023/24.

The following country-commodity pairs have been added to the PSD database for 2018/19 onward:

Uzbekistan – Millet
Uzbekistan – Oats
Uzbekistan – Sorghum

The following country-commodity pairs have been discontinued in the PSD database, ending with 2022/23:

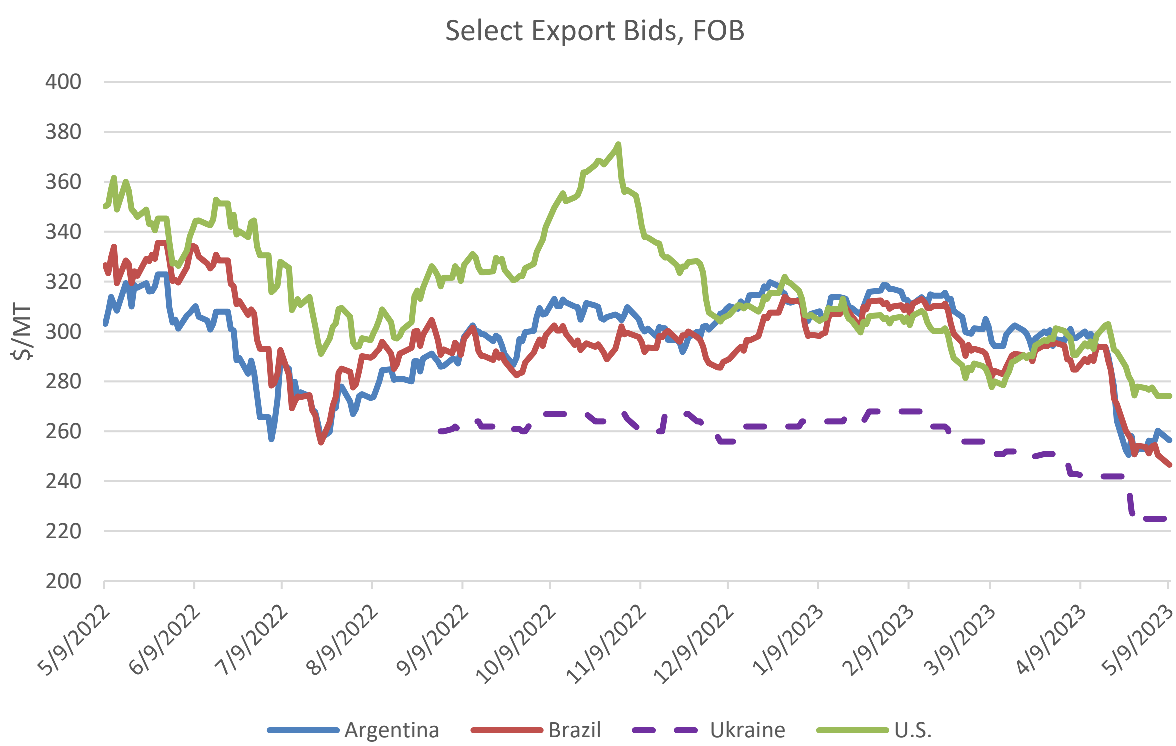
Bangladesh – Barley
Chile – Rye
Colombia – Oats
Iraq – Millet
Kyrgyzstan – Oats
Nepal – Barley
Peru – Millet
South Korea – Millet
Syria – Millet
Turkey – Millet
Turkey – Mixed Grains

OVERVIEW FOR 2022/23

Global corn production is forecast higher, led primarily by a larger crop for Brazil more than offsetting cuts to Bosnia and Herzegovina and Burma. Global imports are up on raised forecasts for Canada and Vietnam more than offsetting cuts to Brazil and Egypt. Global exports are down marginally with cuts to the United States more than offsetting gains for Brazil and the European Union. The U.S. season-average farm price is unchanged at $6.60 per bushel.

CORN PRICES

Global: Since the April WASDE, all major exporters' bids have moved substantially lower. Expectations of a substantial safrinha in Brazil is pressuring prices globally. U.S. bids dropped $16/ton to $274; weak commitments to major trade partners and large cancellations of corn shipments to China show softening demand for U.S. corn. Brazilian bids were down $38/ton to $246 on pressure from a potential record harvest. Favorable conditions and a large expansion in area in Brazil's Center-West and South are raising expectations for the upcoming safrinha. Argentine bids decreased sharply by $40/ton to $256. Weak demand from major partners and downward pressure from the large Brazilian crop are sharply lowering prices, despite tight supplies. Ukrainian bids are down $18/ton to $255.



TRADE CHANGES IN 2022/23 (1,000 MT)

Country	Commodity	Attribute	Previous	Current	Change	Reason
Brazil	Corn	Exports	52,000	**54,000**	**2,000**	Larger safrinha
		Imports	1,600	**1,300**	**-300**	
Canada	Corn	Exports	1,600	**1,800**	**200**	Pace of trade
		Imports	1,100	**1,700**	**600**	
China	Barley	Imports	9,000	**8,000**	**-1,000**	Pace of trade
Egypt	Corn	Imports	7,500	**7,000**	**-500**	Slower pace
European Union	Corn	Exports	2,200	**2,600**	**400**	Trade data
Iran	Barley	Imports	2,500	**2,200**	**-300**	Slower trade
South Korea	Corn	Imports	11,000	**11,300**	**300**	Strong pace of trade
Malaysia	Corn	Imports	3,300	**3,500**	**200**	Strong pace of trade
Russia	Barley	Exports	5,300	**4,800**	**-500**	Estimated pace of trade
Saudi Arabia	Corn	Imports	4,100	**4,300**	**200**	Strong trade
Tunisia	Corn	Imports	800	**600**	**-200**	Lower pace of trade
United Kingdom	Corn	Imports	1,900	**2,100**	**200**	Trade data
United States	Corn	Exports	49,000	**46,000**	**-3,000**	Weak sales and cancellations
Vietnam	Corn	Imports	9,200	**10,300**	**1,100**	Large, anticipated imports from Brazil

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 2023. This publication is available in its entirety on the Internet via the Foreign Agricultural Service Home Page. The address is: http://www.fas.usda.gov

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DATA TABLES

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All Grain Summary Comparison

Million Metric Tons

	Marketing Year	Wheat 2021/22	Wheat 2022/23	Wheat 2023/24	Rice, Milled 2021/22	Rice, Milled 2022/23	Rice, Milled 2023/24	Corn 2021/22	Corn 2022/23	Corn 2023/24
Production										
United States	(Jun-May)	44.8	44.9	45.2	6.1	5.1	6.1	382.9	348.8	387.7
Other		735.5	743.4	744.6	507.8	503.3	514.4	834.4	801.4	831.9
World Total		780.3	788.3	789.8	513.9	508.4	520.5	1,217.3	1,150.2	1,219.6
Domestic Consumption										
United States	(Jun-May)	29.6	29.9	30.3	4.8	4.8	4.9	317.1	303.7	314.6
Other		759.9	756.7	759.2	511.6	515.1	515.4	863.3	857.2	878.8
World Total		789.5	786.6	789.5	516.4	519.9	520.3	1,180.4	1,160.9	1,193.4
Ending Stocks										
United States	(Jun-May)	19.0	16.3	15.1	1.3	0.9	1.0	35.0	36.0	56.4
Other		253.7	250.0	249.2	181.0	168.3	165.7	273.1	261.4	256.5
World Total		272.7	266.3	264.3	182.3	169.2	166.7	308.1	297.4	312.9
TY Imports										
United States	(Jun-May)	2.7	3.4	3.6	1.3	1.3	1.3	0.6	1.0	0.6
Other		198.4	203.8	203.4	53.5	52.1	51.9	186.0	174.8	184.0
World Total		201.1	207.2	207.0	54.8	53.4	53.2	186.6	175.8	184.6
TY Exports										
United States	(Jun-May)	21.5	21.5	20.0	2.2	2.1	2.4	63.0	46.0	54.0
Other		183.9	191.4	192.5	53.9	53.6	53.4	130.5	132.9	136.9
World Total		205.4	212.9	212.5	56.1	55.7	55.8	193.5	178.9	190.9

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

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
TY Exports						
Russia	35,863	34,485	39,100	33,000	44,500	45,500
European Union	24,686	39,788	29,736	31,998	34,500	38,000
Canada	24,498	22,987	27,722	14,990	26,000	27,500
Australia	9,835	10,118	19,720	25,958	32,500	24,500
Argentina	12,680	13,608	9,597	17,651	5,000	12,500
Ukraine	16,019	21,016	16,851	18,844	15,000	10,000
Kazakhstan	8,780	6,888	8,128	8,455	10,000	9,500
Turkey	6,676	6,633	6,571	6,646	7,000	7,500
Brazil	594	408	911	3,105	3,000	3,500
United Kingdom	728	1,529	473	869	1,800	1,700
Others	11,583	11,249	14,168	22,398	12,144	12,299
Subtotal	151,942	168,709	172,977	183,914	191,444	192,499
United States	26,202	26,392	26,636	21,501	21,500	20,000
World Total	178,144	195,101	199,613	205,415	212,944	212,499
TY Imports						
Egypt	12,354	12,811	12,149	11,256	11,000	12,000
Indonesia	10,934	10,586	9,995	11,229	10,000	11,000
China	3,145	5,376	10,618	9,568	13,500	10,500
Turkey	6,515	11,087	8,051	9,555	10,500	10,000
Algeria	7,515	7,145	7,680	8,286	8,200	8,500
Morocco	3,724	4,879	5,191	4,726	7,000	7,500
European Union	5,763	5,551	5,390	4,629	10,500	7,000
Philippines	7,570	7,065	6,105	6,886	6,200	6,500
Nigeria	4,659	5,338	6,586	6,187	5,300	6,000
Bangladesh	5,100	6,800	7,200	6,340	5,000	5,800
Brazil	7,442	7,063	6,359	6,582	5,100	5,600
Japan	5,726	5,683	5,493	5,605	5,700	5,600
Mexico	4,861	5,080	4,724	5,326	5,000	5,400
Saudi Arabia	2,920	3,668	2,773	3,052	4,700	4,900
Korea, South	3,908	3,941	3,889	5,099	4,600	4,300
Vietnam	3,500	3,570	3,900	4,527	4,500	4,300
Iran	170	2,500	2,200	8,000	4,500	4,000
Yemen	3,676	3,744	4,096	3,457	3,800	4,000
Afghanistan	3,700	3,000	3,400	3,600	3,600	3,900
Uzbekistan	2,837	2,608	3,546	3,318	4,000	3,500
Iraq	4,031	2,242	2,175	2,576	3,500	3,000
Pakistan	2	1	3,617	2,210	2,600	3,000
Kenya	2,000	2,500	2,092	2,042	2,400	2,600
Sudan	2,222	2,684	2,064	2,381	2,600	2,600
Thailand	2,899	3,501	3,306	2,351	2,500	2,300
Others	53,679	58,239	58,945	59,586	57,495	59,615
Subtotal	170,852	186,662	191,544	198,374	203,795	203,415
Unaccounted	3,796	5,603	5,382	4,335	5,749	5,484
United States	3,496	2,836	2,687	2,706	3,400	3,600
World Total	178,144	195,101	199,613	205,415	212,944	212,499

TY=Trade Year, see Endnotes.

World Wheat Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
Production						
China	131,441	133,600	134,250	136,946	137,723	140,000
European Union	123,124	138,799	126,684	138,244	134,341	139,000
India	99,870	103,600	107,860	109,586	104,000	110,000
Russia	71,685	73,610	85,352	75,158	92,000	81,500
Canada	32,352	32,670	35,437	22,422	33,824	37,000
Australia	17,598	14,480	31,923	36,237	39,000	29,000
Pakistan	25,076	24,349	25,248	27,464	26,400	26,810
Argentina	19,500	19,750	17,640	22,150	12,550	19,500
Turkey	19,000	17,500	18,250	16,000	17,250	19,000
Ukraine	25,057	29,171	25,420	33,007	20,900	16,500
United Kingdom	13,555	15,600	9,658	13,988	15,540	15,500
Iran	14,500	15,550	15,000	12,000	13,200	14,500
Kazakhstan	13,947	11,452	14,256	11,814	16,404	14,000
Brazil	5,428	5,200	6,250	7,700	10,400	10,000
Egypt	8,450	8,770	8,900	9,000	9,300	8,670
Others	58,766	64,636	63,021	63,771	60,530	63,626
Subtotal	679,349	708,737	725,149	735,487	743,362	744,606
United States	51,306	52,581	49,751	44,804	44,902	45,158
World Total	730,655	761,318	774,900	780,291	788,264	789,764
Total Consumption						
China	125,000	126,000	155,000	148,000	148,000	149,000
European Union	106,300	107,250	104,750	108,250	107,500	109,500
India	95,629	95,403	102,217	109,882	108,720	107,600
Russia	40,500	40,000	42,500	41,750	42,250	41,000
Pakistan	25,400	25,500	26,300	27,700	29,200	29,600
Turkey	18,800	20,000	20,600	20,200	20,400	20,500
Egypt	20,100	20,300	20,500	20,500	20,250	20,400
Iran	16,100	17,200	17,400	18,200	18,100	18,300
United Kingdom	15,047	15,240	13,240	15,324	15,000	15,400
Brazil	11,900	11,900	11,800	11,750	11,900	12,050
Algeria	10,750	10,950	11,150	11,370	11,370	11,450
Morocco	10,700	10,400	10,400	10,600	10,300	10,600
Indonesia	10,600	10,300	10,100	10,500	10,100	10,500
Canada	9,097	9,754	9,100	10,148	9,550	9,600
Afghanistan	7,400	7,900	8,200	8,350	8,500	8,700
Others	178,026	181,747	185,180	187,377	185,531	185,063
Subtotal	703,453	715,982	757,762	763,514	764,714	761,439
United States	29,986	30,437	30,412	29,607	29,937	30,264
World Total	733,439	746,419	788,174	793,121	794,651	791,703
Ending Stocks						
China	138,088	150,015	139,120	136,759	139,082	139,682
European Union	15,798	13,110	10,698	13,323	16,164	14,664
Russia	7,778	7,228	11,380	12,088	17,638	12,938
India	16,992	24,700	27,800	19,500	9,500	11,500
Algeria	5,219	5,358	4,992	4,406	4,931	4,676
Iran	4,936	4,786	4,336	5,086	4,442	4,442
Saudi Arabia	2,889	3,064	2,473	2,047	3,022	3,772
Others	62,789	62,528	61,700	60,453	55,221	57,550
Subtotal	254,489	270,789	262,499	253,662	250,000	249,224
United States	29,386	27,985	23,001	19,008	16,283	15,120
World Total	283,875	298,774	285,500	272,670	266,283	264,344

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
TY Imports						
North America	8,834	8,593	7,960	8,590	9,000	9,600
Central America	1,928	2,074	2,147	2,081	2,060	2,220
South America	14,955	15,537	15,246	14,765	13,020	14,870
European Union	5,763	5,551	5,390	4,629	10,500	7,000
Other Europe	4,283	3,483	4,611	4,413	3,560	3,325
Former Soviet Union - 12	7,798	7,800	8,925	10,484	11,245	10,410
Middle East	24,728	31,102	27,163	35,024	36,160	34,670
North Africa	26,956	27,991	28,246	27,263	29,400	31,700
Sub-Saharan Africa	22,907	27,278	26,687	26,807	25,130	26,835
East Asia	15,011	17,270	22,206	22,166	25,650	21,995
South Asia	10,059	11,307	16,137	13,545	12,435	14,220
Southeast Asia	27,757	27,561	26,042	27,925	25,800	26,850
Others	3,369	3,951	3,471	3,388	3,235	3,320
Total	174,348	189,498	194,231	201,080	207,195	207,015
Production						
North America	86,658	88,521	88,153	70,507	82,298	85,458
South America	28,859	28,773	27,725	33,466	26,965	33,600
European Union	123,124	138,799	126,684	138,244	134,341	139,000
Other Europe	17,871	19,766	14,254	19,029	20,371	20,529
Former Soviet Union - 12	123,432	129,099	139,464	133,980	143,188	126,260
Middle East	38,831	43,206	43,268	34,470	36,540	41,475
North Africa	21,002	18,399	16,120	20,431	17,130	16,170
Sub-Saharan Africa	8,311	8,458	9,409	9,439	10,581	11,187
East Asia	132,834	135,093	135,744	138,736	139,266	141,765
South Asia	131,668	136,225	141,601	145,229	138,101	144,810
Oceania	17,969	14,878	32,377	36,660	39,383	29,410
Others	96	101	101	100	100	100
Total	730,655	761,318	774,900	780,291	788,264	789,764
Domestic Consumption						
North America	46,583	47,591	46,712	47,180	47,287	47,764
South America	28,685	29,335	29,585	29,531	29,675	30,290
European Union	106,300	107,250	104,750	108,250	107,500	109,500
Other Europe	20,327	20,450	18,480	20,534	20,395	20,740
Former Soviet Union - 12	76,315	74,890	78,220	78,695	79,010	75,325
Middle East	59,309	63,090	64,422	63,980	64,595	65,810
North Africa	46,100	46,250	46,620	47,020	46,570	47,200
Sub-Saharan Africa	30,681	33,349	34,783	35,267	35,223	36,823
East Asia	137,750	138,637	167,368	161,093	161,042	161,555
South Asia	138,896	139,980	148,553	157,659	156,346	155,910
Southeast Asia	26,165	26,355	26,080	26,565	25,390	25,345
Oceania	10,610	9,410	9,460	10,035	10,030	9,485
Others	3,614	3,694	3,816	3,699	3,545	3,780
Total	731,335	740,281	778,849	789,508	786,608	789,527
Ending Stocks						
North America	36,030	33,869	29,216	23,191	19,262	18,499
South America	6,016	7,056	6,916	5,242	6,053	6,029
European Union	15,798	13,110	10,698	13,323	16,164	14,664
Other Europe	2,966	3,542	2,374	3,085	3,851	3,880
Former Soviet Union - 12	14,898	12,907	17,765	21,467	26,040	20,475
Middle East	16,332	19,501	18,284	15,479	15,920	18,130
North Africa	15,537	14,357	11,552	11,166	10,426	10,496
Sub-Saharan Africa	2,927	4,199	4,324	4,145	3,688	3,787
East Asia	141,028	152,906	141,908	139,983	142,127	142,957
South Asia	21,366	27,893	33,907	26,345	14,520	16,530
Southeast Asia	5,786	5,840	4,616	4,740	4,005	4,385
Oceania	4,783	3,046	3,326	3,828	3,576	3,786
Others	408	548	614	676	651	726
Total	283,875	298,774	285,500	272,670	266,283	264,344

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

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
TY Exports						
Argentina	388	335	400	402	350	400
Australia	134	42	72	207	250	275
Brazil	954	1,240	782	1,445	1,100	900
Burma	2,700	2,300	1,900	2,335	2,000	2,200
Cambodia	1,350	1,350	1,850	1,700	1,800	1,850
China	2,720	2,265	2,407	2,172	2,200	2,000
European Union	506	543	412	402	400	400
Guyana	511	552	406	358	380	420
India	9,813	14,577	21,238	22,119	22,500	22,500
Pakistan	4,550	3,934	3,928	4,525	3,800	4,500
Paraguay	689	803	640	752	720	730
Thailand	7,565	5,715	6,283	7,682	8,500	8,000
Turkey	202	234	241	227	230	250
Uruguay	809	969	704	982	950	950
Vietnam	6,581	6,167	6,272	7,054	7,100	6,700
Others	1,309	1,486	1,691	1,570	1,383	1,383
Subtotal	40,781	42,512	49,226	53,932	53,663	53,458
United States	3,142	2,857	2,917	2,181	2,050	2,350
World Total	43,923	45,369	52,143	56,113	55,713	55,808
TY Imports						
Angola	450	500	500	720	650	700
Bangladesh	80	20	2,650	950	800	1,000
Brazil	691	876	685	826	900	950
China	2,800	3,200	4,921	6,155	5,100	5,000
Cote d'Ivoire	1,350	1,100	1,450	1,560	1,500	1,550
Ethiopia	520	700	850	950	800	750
European Union	1,799	1,999	1,862	2,492	2,650	2,650
Ghana	900	850	1,050	620	800	900
Guinea	530	670	940	850	800	850
Indonesia	600	550	650	740	1,750	700
Iran	1,400	1,110	875	1,250	1,250	1,250
Iraq	1,263	972	1,315	2,124	2,000	1,900
Japan	678	676	662	669	685	685
Malaysia	1,000	1,220	1,160	1,240	1,250	1,300
Mexico	740	843	759	796	800	850
Mozambique	635	655	705	685	700	710
Nepal	620	980	1,260	825	1,000	1,025
Nigeria	1,800	1,800	2,100	2,400	2,100	2,200
Philippines	2,900	2,450	2,950	3,800	3,700	3,600
Saudi Arabia	1,425	1,613	1,157	1,324	1,300	1,350
Senegal	1,000	1,050	1,250	1,500	1,300	1,400
South Africa	944	1,000	1,000	1,034	1,100	1,100
United Arab Emirates	850	850	775	1,025	900	950
United Kingdom	587	695	604	638	650	680
Vietnam	500	400	1,800	1,500	1,100	1,300
Others	15,342	16,004	14,986	16,819	16,524	16,597
Subtotal	41,404	42,783	48,916	53,492	52,109	51,947
Unaccounted	1,537	1,376	2,249	1,306	2,354	2,611
United States	982	1,210	978	1,315	1,250	1,250
World Total	43,923	45,369	52,143	56,113	55,713	55,808

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

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
Milled Production						
China	148,490	146,730	148,300	148,990	145,946	149,000
India	116,484	118,870	124,368	129,471	132,000	133,000
Bangladesh	34,909	35,850	34,600	35,850	36,350	37,000
Indonesia	34,200	34,700	34,500	34,400	34,000	34,450
Vietnam	27,344	27,100	27,381	26,769	27,000	27,000
Thailand	20,340	17,655	18,863	19,878	20,200	20,500
Philippines	11,732	11,927	12,416	12,540	12,600	12,600
Burma	13,200	12,650	12,600	12,400	11,800	12,500
Pakistan	7,202	7,206	8,420	9,323	5,500	9,000
Japan	7,657	7,611	7,570	7,636	7,480	7,450
Brazil	7,140	7,602	8,001	7,337	6,800	6,800
Cambodia	5,742	5,740	5,739	5,771	5,933	6,222
Nigeria	5,294	5,314	5,148	5,255	5,355	5,229
Egypt	2,800	4,300	4,000	2,900	3,600	3,780
Nepal	3,736	3,697	3,744	3,417	3,654	3,654
Others	44,871	45,397	46,205	45,845	45,104	46,220
Subtotal	491,141	492,349	501,855	507,782	503,322	514,405
United States	7,107	5,877	7,224	6,083	5,092	6,119
World Total	498,248	498,226	509,079	513,865	508,414	520,524
Consumption and Residual						
China	142,920	145,230	150,293	156,360	154,946	152,000
India	99,164	101,950	101,052	110,446	112,500	113,000
Bangladesh	35,400	35,700	36,100	36,500	37,600	38,200
Indonesia	36,300	36,000	35,400	35,300	35,300	35,200
Vietnam	21,200	21,250	21,450	21,500	21,500	21,600
Philippines	14,200	14,400	14,800	15,400	16,000	16,300
Thailand	11,800	12,300	12,700	12,800	12,800	12,800
Burma	10,250	10,400	10,400	10,400	10,200	10,300
Japan	8,400	8,350	8,150	8,200	8,200	8,200
Nigeria	6,950	7,050	7,150	7,350	7,500	7,600
Brazil	7,350	7,300	7,350	7,150	6,900	6,800
Nepal	4,376	4,522	4,969	4,412	4,654	4,679
Cambodia	4,300	4,350	4,250	4,150	4,150	4,250
Egypt	4,200	4,300	4,300	4,050	4,000	4,100
Korea, South	4,572	4,100	4,000	3,950	4,000	4,000
Others	69,409	70,633	71,381	73,624	74,836	76,421
Subtotal	480,692	488,748	498,539	513,970	516,723	518,133
United States	4,577	4,586	4,860	4,799	4,794	4,889
World Total	485,269	493,334	503,399	518,769	521,517	523,022
Ending Stocks						
China	115,000	116,500	116,500	113,000	106,900	106,900
India	29,500	33,900	37,000	34,000	31,000	28,500
Philippines	2,570	2,547	2,363	3,103	3,403	3,303
Indonesia	4,063	3,313	3,060	2,900	3,350	3,300
Thailand	4,010	3,900	3,980	3,501	2,551	2,401
Bangladesh	1,405	1,571	1,458	2,091	2,186	1,976
Vietnam	1,097	1,180	2,639	2,354	1,854	1,854
Others	17,545	17,685	18,799	20,072	17,059	17,453
Subtotal	175,190	180,596	185,799	181,021	168,303	165,687
United States	1,424	910	1,387	1,261	876	994
World Total	176,614	181,506	187,186	182,282	169,179	166,681

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
TY Imports						
North America	2,143	2,530	2,147	2,635	2,650	2,700
Caribbean	1,076	1,212	1,013	1,021	1,035	1,030
South America	1,933	2,301	1,754	1,820	2,020	2,140
Other Europe	707	818	714	729	775	805
Former Soviet Union - 12	569	517	585	663	605	595
Middle East	7,205	6,944	6,175	7,928	7,805	7,805
North Africa	1,023	575	610	863	800	700
Sub-Saharan Africa	13,865	14,408	15,985	16,883	16,450	17,010
East Asia	4,404	4,805	6,562	7,738	6,795	6,695
South Asia	943	1,405	4,389	3,082	2,307	2,540
Southeast Asia	5,815	5,399	7,249	7,923	8,452	7,562
European Union	1,799	1,999	1,862	2,492	2,650	2,650
Total	42,386	43,993	49,894	54,807	53,359	53,197
Production						
North America	7,295	6,052	7,425	6,264	5,231	6,284
Caribbean	1,010	957	886	885	847	845
South America	15,964	16,327	17,152	16,249	16,078	16,321
European Union	1,843	1,888	1,826	1,732	1,336	1,460
Former Soviet Union - 12	1,271	1,414	1,426	1,368	1,197	1,271
Middle East	2,616	2,950	2,896	2,691	2,620	2,734
North Africa	2,844	4,345	4,042	2,945	3,642	3,825
Sub-Saharan Africa	20,140	20,156	20,410	20,980	21,038	21,161
East Asia	162,732	161,159	162,001	163,068	159,645	162,481
South Asia	165,692	169,079	174,807	181,065	180,557	185,984
Southeast Asia	116,064	113,198	115,200	115,386	115,184	116,983
Total	498,248	498,226	509,079	513,865	508,414	520,524
Domestic Consumption						
North America	5,911	5,982	6,232	6,217	6,359	6,474
Central America	1,358	1,379	1,336	1,397	1,372	1,379
Caribbean	2,107	2,018	1,945	1,859	1,867	1,860
South America	14,875	14,832	14,935	14,768	14,543	14,440
European Union	3,246	3,394	3,400	3,500	3,600	3,750
Former Soviet Union - 12	1,679	1,671	1,727	1,744	1,704	1,738
Middle East	9,192	9,406	9,086	9,544	9,970	10,370
North Africa	4,591	4,604	4,625	4,358	4,342	4,445
Sub-Saharan Africa	33,690	33,931	35,019	36,703	37,372	38,133
East Asia	158,933	161,013	165,380	171,385	170,096	167,150
South Asia	145,676	149,282	149,658	159,043	162,299	163,634
Southeast Asia	103,052	103,818	104,151	104,748	105,176	105,761
Total	485,368	492,421	498,605	516,391	519,880	520,339
Ending Stocks						
North America	1,574	1,081	1,591	1,404	968	1,091
Central America	338	356	244	240	217	212
Caribbean	301	327	327	340	323	328
South America	2,670	2,417	3,046	2,312	2,069	2,375
European Union	942	917	682	909	895	855
Middle East	1,238	1,804	1,542	1,801	1,976	1,895
North Africa	949	1,232	1,159	613	658	733
Sub-Saharan Africa	3,609	3,115	3,283	4,149	4,010	3,663
East Asia	118,766	120,224	120,098	116,955	110,774	110,475
South Asia	32,170	36,799	40,831	39,563	34,490	32,362
Southeast Asia	13,860	12,983	14,066	13,436	12,346	12,230
Oceania	52	15	86	243	228	249
Total	176,614	181,506	187,186	182,282	169,179	166,681

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

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
TY Exports						
Argentina	36,134	42,943	40,977	44,418	30,901	38,901
Australia	4,049	3,627	9,705	11,109	10,825	7,810
Brazil	38,812	34,141	27,504	31,938	54,030	56,015
Canada	5,805	5,278	7,219	5,553	6,775	6,480
European Union	10,412	13,492	12,553	12,804	8,870	12,190
India	537	1,158	3,735	3,474	4,055	3,655
Paraguay	2,568	2,089	2,564	3,208	3,710	3,005
Russia	7,402	9,292	9,871	7,375	9,115	8,905
South Africa	1,191	2,465	2,756	3,841	3,415	3,410
Ukraine	34,874	34,088	29,049	29,895	27,940	18,830
Others	13,329	13,603	13,569	12,720	10,282	11,442
Subtotal	155,113	162,176	159,502	166,335	169,918	170,643
United States	51,838	52,632	75,623	70,435	48,368	60,110
World Total	206,951	214,808	235,125	236,770	218,286	230,753
TY Imports						
Algeria	5,301	5,649	5,004	3,965	4,305	5,505
Bangladesh	1,385	2,010	1,847	2,456	2,008	2,100
Brazil	1,797	1,995	2,679	4,064	1,805	2,001
Canada	2,570	1,972	1,871	6,341	1,742	1,846
Chile	2,431	2,838	2,557	2,564	2,315	2,460
China	10,540	17,480	50,531	41,499	31,225	38,400
Colombia	6,390	6,285	6,132	6,846	6,101	6,830
Egypt	9,568	10,439	9,653	9,771	7,005	8,505
European Union	26,290	18,666	15,820	21,574	26,590	21,475
Guatemala	1,239	1,536	1,358	1,574	1,600	1,600
Iran	12,200	9,102	10,902	10,302	10,400	11,000
Israel	1,910	2,398	1,998	2,172	1,965	2,180
Japan	17,726	17,633	16,980	16,507	16,465	17,010
Jordan	1,694	1,471	1,414	1,723	1,800	1,900
Korea, South	10,964	11,978	11,804	11,617	11,420	11,906
Malaysia	3,690	3,806	3,726	3,697	3,525	3,880
Mexico	17,415	17,576	17,301	18,486	18,070	18,775
Morocco	2,922	4,062	2,937	2,724	2,603	3,506
Peru	3,875	4,090	3,851	3,659	3,536	3,760
Saudi Arabia	9,377	11,821	9,128	8,778	8,605	9,110
Taiwan	4,610	4,660	4,472	4,643	4,380	4,680
Thailand	1,406	2,287	2,889	1,568	1,600	1,900
Turkey	4,044	4,011	3,421	5,863	4,107	2,607
United Kingdom	2,965	2,589	2,695	2,637	2,235	2,530
Vietnam	11,033	12,198	11,947	9,653	10,900	11,750
Others	23,209	24,795	24,317	23,882	23,762	23,323
Subtotal	196,551	203,347	227,234	228,565	210,069	220,539
Unaccounted	7,775	8,469	5,361	5,554	5,201	7,738
United States	2,625	2,992	2,530	2,651	3,016	2,476
World Total	206,951	214,808	235,125	236,770	218,286	230,753

TY=Trade Year, see Endnotes.

World Coarse Grains Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
Production						
Argentina	58,798	57,940	60,010	59,159	45,706	62,579
Australia	11,508	12,003	18,560	19,219	18,669	13,744
Brazil	104,332	105,815	90,321	120,621	134,604	134,327
Canada	26,203	28,611	29,644	25,124	30,535	28,345
China	265,006	269,067	269,083	280,852	285,500	288,300
Ethiopia	17,929	18,406	18,560	17,373	17,950	18,300
European Union	140,703	152,817	155,458	154,768	133,841	146,400
India	43,212	47,660	51,387	51,386	51,910	53,300
Indonesia	12,000	12,000	12,600	12,700	12,900	13,100
Mexico	33,470	32,095	32,662	32,785	33,450	33,240
Nigeria	19,534	21,189	20,895	21,397	21,507	20,700
Russia	34,998	40,495	41,396	38,538	44,132	42,150
South Africa	12,417	16,367	17,814	16,636	17,157	17,373
Turkey	13,251	14,451	15,761	11,581	14,771	16,770
Ukraine	44,503	46,545	39,585	53,514	34,055	28,670
Others	187,009	184,830	194,908	190,610	186,173	190,215
Subtotal	1,024,873	1,060,291	1,068,644	1,106,263	1,082,860	1,107,513
United States	377,905	359,434	372,887	397,710	358,466	402,014
World Total	1,402,778	1,419,725	1,441,531	1,503,973	1,441,326	1,509,527
Domestic Consumption						
Argentina	17,791	17,575	17,020	18,444	16,311	17,569
Brazil	70,981	72,844	73,855	75,676	79,087	82,337
Canada	24,114	24,930	24,628	25,792	24,738	24,450
China	287,812	296,210	313,107	320,025	320,600	327,800
Egypt	17,186	17,979	17,265	17,881	15,362	17,063
Ethiopia	18,161	18,451	18,644	17,898	17,875	18,175
European Union	158,504	158,938	159,483	158,930	156,165	155,832
India	44,571	45,775	47,546	48,045	48,350	49,800
Iran	16,520	14,621	15,320	14,720	14,621	15,620
Japan	17,953	17,867	17,290	16,822	16,746	17,240
Mexico	50,505	50,310	49,835	50,765	51,570	52,365
Nigeria	19,829	20,675	20,955	21,177	21,580	21,350
Russia	27,367	31,387	31,042	31,109	34,550	33,400
Turkey	16,651	17,761	18,051	17,699	18,086	18,784
Vietnam	14,333	14,750	17,200	15,300	14,350	15,300
Others	281,448	287,856	298,747	291,808	286,861	292,297
Subtotal	1,100,709	1,113,849	1,139,800	1,165,386	1,138,673	1,171,242
United States	322,984	320,685	315,967	326,274	313,310	324,237
World Total	1,423,693	1,434,534	1,455,767	1,491,660	1,451,983	1,495,479
Ending Stocks						
Argentina	3,497	4,569	2,057	2,486	2,285	2,399
Brazil	5,671	5,821	4,601	4,495	8,489	7,165
Canada	3,288	3,983	3,628	3,706	4,580	3,841
China	210,660	200,956	207,455	209,773	205,848	204,723
European Union	14,546	14,196	14,590	17,987	13,888	13,736
India	2,072	3,093	3,427	3,482	3,317	3,362
Mexico	5,784	4,138	3,604	3,932	3,581	2,930
Others	46,133	48,727	49,702	51,945	44,187	41,126
Subtotal	291,651	285,483	289,064	297,806	286,175	279,282
United States	60,471	51,830	34,013	37,584	38,558	59,499
World Total	352,122	337,313	323,077	335,390	324,733	338,781

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
TY Imports						
North America	22,610	22,540	21,702	27,478	22,828	23,097
Central America	4,367	4,913	4,749	5,392	5,375	5,300
Caribbean	2,379	2,275	2,399	2,128	2,258	2,360
South America	15,686	16,998	16,844	18,730	15,395	16,422
European Union	26,290	18,666	15,820	21,574	26,590	21,475
Former Soviet Union - 12	1,028	1,136	772	773	848	714
Middle East	34,087	34,026	32,549	33,211	31,502	31,437
North Africa	20,782	23,551	21,221	19,395	16,613	20,516
Sub-Saharan Africa	3,494	3,858	3,581	3,963	3,752	3,705
East Asia	43,904	51,829	83,826	74,316	63,535	72,041
Southeast Asia	17,880	19,968	20,201	17,363	18,220	19,590
Others	6,669	6,579	6,100	6,893	6,169	6,358
Total	199,176	206,339	229,764	231,216	213,085	223,015
Production						
North America	437,578	420,140	435,193	455,619	422,451	463,599
South America	178,752	178,266	165,179	196,784	196,126	213,428
European Union	140,703	152,817	155,458	154,768	133,841	146,400
Other Europe	18,638	20,809	21,788	18,092	16,977	19,139
Former Soviet Union - 12	93,611	101,576	94,843	105,817	91,791	84,313
Middle East	19,290	24,153	25,667	18,185	21,648	24,200
North Africa	13,260	11,240	10,077	12,724	11,311	10,997
Sub-Saharan Africa	123,487	123,565	132,851	127,842	129,795	129,096
East Asia	268,321	272,189	271,807	283,670	288,279	291,094
South Asia	57,665	63,905	69,459	70,798	70,412	73,038
Southeast Asia	34,820	33,928	35,693	35,481	35,116	35,515
Oceania	12,104	12,610	19,111	19,778	19,209	14,293
Others	4,549	4,527	4,405	4,415	4,370	4,415
Total	1,402,778	1,419,725	1,441,531	1,503,973	1,441,326	1,509,527
Domestic Consumption						
North America	397,603	395,925	390,430	402,831	389,618	401,052
South America	115,246	117,479	118,113	121,451	121,686	127,602
European Union	158,504	158,938	159,483	158,930	156,165	155,832
Other Europe	17,933	18,744	20,661	18,980	17,722	18,693
Former Soviet Union - 12	51,099	56,500	56,730	58,856	58,560	55,991
Middle East	54,891	56,222	56,021	52,691	52,376	54,852
North Africa	32,441	35,511	33,100	31,760	28,291	31,717
Sub-Saharan Africa	125,849	123,774	129,792	125,960	130,027	129,694
East Asia	324,369	333,520	349,432	355,766	356,015	364,193
South Asia	60,935	63,435	68,352	69,720	69,676	72,150
Southeast Asia	48,225	48,472	53,412	51,227	49,574	51,524
Oceania	8,139	8,310	8,791	8,394	8,508	8,263
Others	11,476	11,784	11,638	11,799	11,944	12,056
Total	1,406,710	1,428,614	1,455,955	1,468,365	1,450,162	1,483,619
Ending Stocks						
North America	69,543	59,951	41,245	45,222	46,719	66,270
South America	12,820	13,730	9,915	9,392	13,034	11,899
European Union	14,546	14,196	14,590	17,987	13,888	13,736
Other Europe	2,917	3,003	2,951	2,605	2,529	2,490
Former Soviet Union - 12	4,973	6,275	5,221	10,681	6,179	6,142
Middle East	5,563	6,449	6,313	5,216	5,164	5,138
North Africa	3,748	3,490	2,551	3,021	2,452	2,247
Sub-Saharan Africa	11,326	11,221	13,078	13,393	12,092	10,671
East Asia	215,242	205,707	211,900	214,112	209,861	208,778
South Asia	3,764	5,078	5,760	5,479	4,836	4,914
Southeast Asia	4,037	4,183	5,616	3,657	3,353	3,371
Oceania	2,516	3,098	3,084	3,713	3,670	2,170
Others	1,127	932	853	912	956	955
Total	352,122	337,313	323,077	335,390	324,733	338,781

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

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
TY Exports						
Argentina	32,879	39,917	36,544	38,853	26,500	34,500
Brazil	38,773	34,137	27,492	31,921	54,000	56,000
Burma	1,500	2,209	2,400	2,450	2,150	2,200
European Union	4,273	5,388	3,735	6,025	2,600	5,000
India	482	1,125	3,677	3,432	4,000	3,600
Paraguay	2,559	2,081	2,563	3,187	3,700	3,000
Russia	2,770	4,072	3,989	4,000	4,100	4,200
Serbia	2,836	3,123	3,157	1,495	900	2,500
South Africa	1,183	2,456	2,751	3,830	3,400	3,400
Ukraine	30,321	28,929	23,864	26,980	25,500	16,500
Others	6,713	5,399	5,607	8,343	6,006	5,967
Subtotal	124,289	128,836	115,779	130,516	132,856	136,867
United States	49,297	47,035	68,293	62,978	46,000	54,000
World Total	173,586	175,871	184,072	193,494	178,856	190,867
TY Imports						
Algeria	4,831	5,133	4,215	3,273	4,000	4,800
Bangladesh	1,358	2,003	1,838	2,456	2,000	2,100
Brazil	1,189	1,346	2,281	3,316	1,300	1,500
Canada	2,521	1,867	1,550	6,108	1,700	1,800
Chile	2,292	2,751	2,333	2,497	2,200	2,350
China	4,483	7,580	29,512	21,884	18,000	23,000
Colombia	6,048	5,976	5,795	6,512	5,800	6,500
Dominican Republic	1,536	1,354	1,495	1,356	1,450	1,500
Egypt	9,367	10,432	9,633	9,763	7,000	8,500
European Union	23,583	17,384	14,493	19,738	24,500	20,000
Guatemala	1,239	1,536	1,358	1,574	1,600	1,600
Iran	9,000	6,800	7,200	8,600	8,200	8,700
Israel	1,611	1,992	1,493	1,826	1,600	1,800
Japan	16,050	15,888	15,479	15,004	15,000	15,500
Korea, South	10,856	11,882	11,708	11,510	11,300	11,800
Malaysia	3,674	3,777	3,700	3,678	3,500	3,850
Mexico	16,658	16,526	16,498	17,572	17,200	18,000
Morocco	2,622	2,976	2,474	1,963	2,300	2,800
Peru	3,726	3,938	3,679	3,527	3,400	3,600
Saudi Arabia	3,670	4,511	3,017	4,071	4,300	4,700
Taiwan	4,508	4,580	4,386	4,552	4,300	4,600
Thailand	1,200	1,602	1,846	1,480	1,300	1,800
Turkey	3,669	3,004	1,787	3,784	2,500	1,800
United Kingdom	2,847	2,461	2,546	2,521	2,100	2,400
Vietnam	10,900	12,000	11,200	9,100	10,300	11,200
Others	17,674	19,493	17,721	18,366	17,968	17,788
Subtotal	167,112	168,792	179,237	186,031	174,818	183,988
Unaccounted	5,674	6,120	4,206	6,856	3,038	6,279
United States	800	959	629	607	1,000	600
World Total	173,586	175,871	184,072	193,494	178,856	190,867

TY=Trade Year, see Endnotes.

World Corn Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
Production						
Argentina	51,000	51,000	52,000	49,500	37,000	54,000
Brazil	101,000	102,000	87,000	116,000	130,000	129,000
Canada	13,885	13,404	13,563	14,611	14,539	14,300
China	257,174	260,779	260,670	272,552	277,200	280,000
Ethiopia	10,120	9,636	10,022	9,400	10,200	10,400
European Union	64,351	66,742	67,440	71,367	52,972	64,300
India	27,715	28,766	31,647	33,730	34,610	34,300
Indonesia	12,000	12,000	12,600	12,700	12,900	13,100
Mexico	27,671	26,658	27,346	26,762	27,600	27,400
Nigeria	10,934	12,599	12,400	12,745	12,735	12,000
Pakistan	6,826	7,883	8,940	10,635	9,331	10,500
Philippines	7,608	8,030	8,352	8,344	8,300	8,400
Russia	11,415	14,275	13,872	15,225	15,832	16,300
South Africa	11,824	15,844	16,951	16,137	16,700	16,800
Ukraine	35,805	35,887	30,297	42,126	27,000	22,000
Others	115,007	111,558	117,289	122,583	114,534	119,076
Subtotal	764,335	777,061	770,389	834,417	801,453	831,876
United States	364,262	345,962	358,447	382,893	348,751	387,749
World Total	1,128,597	1,123,023	1,128,836	1,217,310	1,150,204	1,219,625
Total Consumption						
Argentina	13,800	13,500	13,500	14,500	12,000	13,500
Brazil	67,000	68,500	70,000	70,500	74,000	76,500
Canada	15,088	13,958	13,976	17,984	14,600	14,600
China	274,000	278,000	285,000	291,000	299,000	304,000
Egypt	16,200	16,900	16,400	17,000	14,500	16,200
European Union	85,000	79,000	77,700	81,700	78,600	79,500
India	28,500	27,200	27,850	30,000	30,600	31,000
Indonesia	12,900	12,600	13,300	13,800	13,700	14,100
Japan	16,000	15,950	15,450	15,040	15,000	15,500
Korea, South	10,947	11,795	11,780	11,560	11,550	11,850
Mexico	44,100	43,800	43,800	44,000	44,800	45,700
Nigeria	11,300	12,100	12,500	12,600	12,900	12,700
Russia	8,500	9,800	10,000	11,100	11,700	11,900
South Africa	12,536	12,200	13,220	13,200	13,300	13,300
Vietnam	14,200	14,550	16,450	14,750	13,750	14,750
Others	190,913	194,262	197,818	204,529	197,235	203,685
Subtotal	837,083	828,812	836,590	884,952	857,272	889,541
United States	310,391	309,504	306,686	317,115	303,671	314,595
World Total	1,147,474	1,138,316	1,143,276	1,202,067	1,160,943	1,204,136
Ending Stocks						
Brazil	5,311	5,328	4,153	3,971	7,971	6,671
Canada	1,979	2,560	2,169	2,746	2,585	2,285
China	210,179	200,526	205,704	209,137	205,317	204,297
European Union	7,592	7,330	7,828	11,208	7,480	7,280
India	1,346	1,863	2,095	2,488	2,528	2,278
Korea, South	1,835	1,998	2,018	2,056	1,898	1,939
Mexico	5,160	3,515	3,079	3,163	2,963	2,363
Others	32,826	35,468	34,501	38,404	30,683	29,354
Subtotal	266,228	258,588	261,547	273,173	261,425	256,467
United States	56,410	48,757	31,358	34,975	35,984	56,431
World Total	322,638	307,345	292,905	308,148	297,409	312,898

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
TY Imports						
North America	19,979	19,352	18,677	24,287	19,900	20,400
Central America	4,367	4,913	4,749	5,392	5,375	5,300
South America	14,349	15,696	15,639	17,385	14,255	15,270
European Union	23,583	17,384	14,493	19,738	24,500	20,000
Former Soviet Union - 12	588	564	323	418	333	301
Middle East	22,150	21,028	17,891	21,715	20,300	20,700
North Africa	18,440	20,296	17,868	16,601	14,600	17,600
Sub-Saharan Africa	2,793	3,111	2,895	3,385	3,034	3,087
East Asia	35,961	40,008	61,124	53,000	48,645	54,945
Southeast Asia	17,483	19,007	18,162	16,246	17,065	18,785
Caribbean	2,377	2,275	2,396	2,124	2,255	2,355
Others	5,842	6,117	5,649	6,347	5,556	5,845
Total	167,912	169,751	179,866	186,638	175,818	184,588
Production						
North America	405,818	386,024	399,356	424,266	390,890	429,449
South America	164,749	164,604	150,198	178,935	179,450	196,305
European Union	64,351	66,742	67,440	71,367	52,972	64,300
Other Europe	9,411	9,470	10,316	7,561	6,237	8,620
Former Soviet Union - 12	53,119	56,120	48,974	64,145	48,233	43,975
Middle East	7,315	7,953	9,123	8,484	8,734	10,123
North Africa	6,919	6,441	6,431	7,490	7,477	7,631
Sub-Saharan Africa	76,364	79,966	85,183	87,724	84,928	83,749
East Asia	260,184	263,488	263,041	275,026	279,673	282,485
South Asia	41,163	43,943	48,795	52,353	52,075	53,034
Central America	3,441	3,516	3,432	3,493	3,486	3,526
Southeast Asia	34,530	33,638	35,403	35,191	34,826	35,225
Others	1,233	1,118	1,144	1,275	1,223	1,203
Total	1,128,597	1,123,023	1,128,836	1,217,310	1,150,204	1,219,625
Domestic Consumption						
North America	369,579	367,262	364,462	379,099	363,071	374,895
South America	103,926	105,552	106,689	108,456	108,480	113,875
European Union	85,000	79,000	77,700	81,700	78,600	79,500
Other Europe	9,162	9,349	10,063	9,049	8,415	8,925
Former Soviet Union - 12	20,312	22,005	22,290	26,703	23,495	22,915
Middle East	28,877	28,149	26,640	29,696	28,530	30,350
North Africa	24,500	27,190	25,730	23,665	21,950	25,350
Sub-Saharan Africa	78,661	79,063	81,998	84,645	84,694	84,119
East Asia	308,273	313,031	319,169	324,650	332,395	338,395
South Asia	43,759	43,782	47,720	50,857	50,871	52,331
Southeast Asia	47,539	47,231	51,157	49,760	48,130	50,380
Central America	7,990	8,370	8,320	8,710	8,855	8,815
Others	3,797	3,635	3,492	3,388	3,420	3,530
Total	1,131,375	1,133,619	1,145,430	1,180,378	1,160,906	1,193,380
Ending Stocks						
North America	63,549	54,832	36,606	40,884	41,532	61,079
South America	10,897	11,834	8,086	7,415	11,248	10,093
European Union	7,592	7,330	7,828	11,208	7,480	7,280
Other Europe	1,532	1,317	1,537	1,284	852	877
Former Soviet Union - 12	2,200	3,261	2,212	7,998	3,145	3,420
Middle East	2,913	3,186	3,132	3,031	2,975	2,898
North Africa	2,473	2,410	1,837	2,001	2,027	1,907
Sub-Saharan Africa	8,784	9,282	10,839	11,944	10,584	8,953
East Asia	214,436	204,897	209,889	213,262	209,165	208,180
South Asia	3,026	3,827	4,397	4,471	4,030	3,813
Southeast Asia	4,026	4,174	5,610	3,648	3,344	3,362
Central America	880	798	668	764	755	751
Others	330	197	264	238	272	285
Total	322,638	307,345	292,905	308,148	297,409	312,898

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

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
TY Exports						
Argentina	3,001	2,598	2,458	3,765	2,700	2,600
Australia	3,666	3,231	8,007	8,233	8,000	5,500
Canada	2,269	2,520	3,520	1,974	3,100	2,900
European Union	5,809	7,579	8,559	6,362	6,000	6,900
Kazakhstan	1,762	1,292	1,028	571	1,000	850
Russia	4,320	5,141	5,691	3,100	4,800	4,500
Serbia	67	77	131	125	120	150
Turkey	83	9	122	215	200	250
Ukraine	4,407	4,990	5,053	2,710	2,400	2,300
United Kingdom	1,406	1,397	1,280	784	1,100	900
Others	244	489	1,174	595	296	246
Subtotal	27,034	29,323	37,023	28,434	29,716	27,096
United States	101	155	349	70	85	75
World Total	27,135	29,478	37,372	28,504	29,801	27,171
TY Imports						
Algeria	469	503	778	688	300	700
Brazil	608	647	398	734	500	500
China	5,181	5,969	12,049	8,282	8,000	7,000
Colombia	341	308	336	333	300	330
European Union	1,762	1,080	1,150	1,239	1,700	1,100
Iran	3,200	2,300	3,700	1,700	2,200	2,300
Iraq	69	0	351	141	130	150
Israel	247	360	463	317	350	350
Japan	1,158	1,253	1,132	1,184	1,200	1,250
Jordan	944	567	658	1,023	1,100	1,200
Kuwait	434	500	507	551	450	450
Libya	884	895	1,043	535	750	700
Mexico	82	346	499	363	500	400
Morocco	299	1,073	456	760	300	700
Qatar	288	349	358	292	400	400
Saudi Arabia	5,700	7,300	6,100	4,700	4,300	4,400
Tunisia	487	751	1,038	798	650	800
Turkey	375	1,007	1,634	2,036	1,600	800
United Arab Emirates	352	434	453	337	350	350
Vietnam	133	198	747	553	600	550
Others	2,028	2,011	2,936	2,053	2,163	1,611
Subtotal	25,041	27,851	36,786	28,619	27,843	26,041
Unaccounted	1,961	1,470	449	-573	1,543	805
United States	133	157	137	458	415	325
World Total	27,135	29,478	37,372	28,504	29,801	27,171

TY=Trade Year, see Endnotes.

World Barley Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
Production						
Argentina	4,635	3,615	4,035	5,300	4,500	4,500
Australia	8,819	10,127	14,649	14,337	14,100	10,000
Azerbaijan	942	1,016	1,020	1,147	1,100	1,100
Belarus	944	1,098	1,375	1,000	1,100	1,100
Canada	8,380	10,383	10,741	6,984	9,987	9,800
China	2,021	2,011	2,036	2,000	2,000	2,000
Ethiopia	1,749	2,378	2,261	2,350	2,400	2,400
European Union	49,470	55,180	54,234	52,050	51,789	52,600
India	1,781	1,633	1,720	1,656	1,370	2,100
Iran	2,800	3,600	3,600	2,700	3,000	3,200
Kazakhstan	3,971	3,830	3,659	2,367	3,287	3,000
Russia	16,737	19,939	20,629	17,505	21,500	19,500
Turkey	7,000	7,900	8,100	4,500	7,400	8,000
Ukraine	7,604	9,528	7,947	9,923	6,180	5,900
United Kingdom	6,510	8,048	8,117	6,961	7,385	7,150
Others	12,884	14,194	13,273	12,393	11,093	11,036
Subtotal	136,247	154,480	157,396	143,173	148,191	143,386
United States	3,343	3,756	3,719	2,615	3,796	3,984
World Total	139,590	158,236	161,115	145,788	151,987	147,370
Total Consumption						
Algeria	2,000	2,350	2,350	1,950	1,800	1,750
Australia	5,000	6,000	6,500	6,000	6,000	6,000
Canada	6,508	8,108	7,747	5,399	6,600	6,900
China	7,000	8,000	13,000	11,400	10,100	9,100
Ethiopia	1,825	2,325	2,325	2,375	2,425	2,475
European Union	45,600	49,500	48,250	45,450	48,000	46,700
India	1,900	1,850	1,900	1,700	1,600	1,900
Iran	6,200	6,400	6,900	4,700	5,200	5,500
Kazakhstan	2,150	2,400	2,550	2,300	2,450	2,300
Morocco	2,900	2,500	1,470	3,120	1,525	1,800
Russia	12,200	15,400	14,400	14,300	16,400	15,300
Saudi Arabia	7,025	7,025	7,025	4,225	4,525	4,425
Turkey	7,500	8,500	8,990	7,400	8,500	8,600
Ukraine	4,200	4,600	4,100	4,000	3,800	3,600
United Kingdom	5,702	6,062	7,215	6,380	6,021	6,400
Others	18,872	21,427	23,338	21,858	21,442	21,053
Subtotal	137,353	152,753	158,265	144,891	147,473	144,574
United States	3,537	3,922	3,753	3,410	3,702	3,811
World Total	140,890	156,675	162,018	148,301	151,175	148,385
Ending Stocks						
Australia	1,908	2,711	2,518	2,848	2,948	1,448
Canada	863	957	711	543	960	990
European Union	5,457	5,205	5,010	5,270	5,259	5,359
Russia	640	743	757	712	1,062	812
Saudi Arabia	1,327	1,016	1,002	991	780	765
Ukraine	1,008	953	661	880	760	760
United Kingdom	1,091	1,357	1,058	964	1,328	1,258
Others	5,979	7,029	7,543	5,176	4,569	4,846
Subtotal	18,273	19,971	19,260	17,384	17,666	16,238
United States	1,884	1,747	1,555	918	1,448	1,861
World Total	20,157	21,718	20,815	18,302	19,114	18,099

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
TY Imports						
North America	253	589	937	1,025	945	755
South America	1,179	1,168	927	1,261	970	1,015
European Union	1,762	1,080	1,150	1,239	1,700	1,100
Other Europe	240	168	191	198	204	196
Former Soviet Union - 12	395	464	425	343	500	400
Middle East	11,877	12,932	14,600	11,363	11,160	10,680
North Africa	2,340	3,229	3,335	2,788	2,005	2,905
Sub-Saharan Africa	28	67	19	61	110	70
East Asia	6,441	7,324	13,273	9,576	9,315	8,350
South Asia	300	89	35	112	219	115
Oceania	14	7	46	45	30	30
Total	25,174	28,008	36,923	29,077	28,258	26,366
Production						
North America	12,719	15,149	15,365	10,689	14,683	14,734
South America	6,133	5,135	5,741	7,053	6,298	6,231
European Union	49,470	55,180	54,234	52,050	51,789	52,600
Other Europe	7,762	9,471	9,659	8,519	8,921	8,773
Former Soviet Union - 12	31,225	36,462	35,702	32,811	34,252	31,620
Middle East	11,065	15,206	15,273	8,657	11,885	13,052
North Africa	5,394	3,929	2,836	4,368	2,968	2,503
Sub-Saharan Africa	2,369	2,929	3,004	2,837	2,909	2,975
East Asia	2,322	2,420	2,385	2,340	2,302	2,306
South Asia	1,932	1,844	1,929	1,802	1,574	2,266
Oceania	9,199	10,511	14,987	14,662	14,406	10,310
Total	139,590	158,236	161,115	145,788	151,987	147,370
Domestic Consumption						
North America	11,095	13,330	12,800	10,309	11,702	12,111
South America	3,716	3,898	4,217	4,227	4,517	4,356
European Union	45,600	49,500	48,250	45,450	48,000	46,700
Other Europe	7,078	7,481	8,730	7,920	7,530	7,951
Former Soviet Union - 12	21,759	25,745	24,662	23,655	26,084	24,569
Middle East	25,041	27,007	28,052	21,850	22,767	23,408
North Africa	6,996	7,419	6,515	7,216	5,467	5,493
Sub-Saharan Africa	2,360	2,913	2,982	2,909	2,985	3,055
East Asia	8,620	9,725	14,683	13,078	11,766	10,750
South Asia	2,124	2,070	2,116	1,872	1,822	2,081
Oceania	5,385	6,390	6,900	6,350	6,350	6,340
Total	140,119	156,369	161,813	145,967	150,090	147,614
Ending Stocks						
North America	3,109	3,166	2,676	1,911	2,758	3,151
South America	1,039	1,022	966	827	734	924
European Union	5,457	5,205	5,010	5,270	5,259	5,359
Other Europe	1,218	1,528	1,220	1,117	1,507	1,469
Former Soviet Union - 12	2,307	2,457	2,325	2,152	2,459	2,169
Middle East	2,620	3,243	3,161	2,138	2,151	2,210
North Africa	1,228	1,053	709	1,015	420	335
Sub-Saharan Africa	348	404	432	392	391	346
East Asia	612	631	1,606	444	295	201
South Asia	262	245	144	129	147	442
Oceania	1,946	2,755	2,560	2,898	2,984	1,484
Total	20,157	21,718	20,815	18,302	19,114	18,099

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

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
TY Exports						
Argentina	254	426	1,973	1,800	1,700	1,800
Australia	91	102	1,235	2,267	2,200	1,700
Ethiopia	75	75	50	25	25	25
European Union	20	16	19	19	20	15
India	53	31	56	40	50	50
Kenya	53	31	80	50	60	50
Nigeria	100	50	50	50	50	50
Others	278	251	163	174	122	63
Subtotal	924	982	3,626	4,425	4,227	3,753
United States	2,410	5,404	6,926	7,351	2,250	6,000
World Total	3,334	6,386	10,552	11,776	6,477	9,753
TY Imports						
China	652	3,709	8,669	10,991	4,800	8,000
Eritrea	60	35	60	95	70	70
European Union	666	89	13	168	80	100
Japan	449	426	299	258	200	190
Kenya	109	52	181	79	150	150
Mexico	546	567	133	362	200	200
Somalia	85	80	50	50	50	50
South Sudan	26	81	71	55	50	50
Sudan	160	150	125	75	50	50
Taiwan	70	40	56	55	50	50
Others	424	399	300	341	312	267
Subtotal	3,247	5,628	9,957	12,529	6,012	9,177
Unaccounted	86	757	594	-754	464	575
United States	1	1	1	1	1	1
World Total	3,334	6,386	10,552	11,776	6,477	9,753

TY=Trade Year, see Endnotes.

World Sorghum Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
Production						
Argentina	2,500	2,500	3,320	3,400	3,400	3,300
Australia	1,160	397	1,639	2,648	2,500	1,800
Bolivia	949	1,019	1,481	1,375	1,400	1,250
Brazil	2,177	2,498	2,084	3,042	2,920	3,600
Burkina Faso	1,930	1,872	1,840	1,644	2,014	1,900
Cameroon	1,200	1,217	1,200	1,200	1,200	1,200
China	2,909	3,137	2,970	3,000	3,000	3,000
Ethiopia	5,024	5,266	5,058	4,450	4,200	4,400
India	3,480	4,772	4,812	4,150	4,100	4,400
Mali	1,470	1,511	1,823	1,248	1,582	1,500
Mexico	4,700	4,328	4,348	4,840	4,850	4,800
Niger	2,100	1,897	2,132	1,207	1,200	1,900
Nigeria	6,721	6,665	6,590	6,725	6,742	6,700
Sudan	5,435	3,714	5,150	3,528	5,248	5,000
Tanzania	672	732	1,043	1,077	1,000	1,000
Others	7,556	7,532	8,127	7,372	7,215	7,286
Subtotal	49,983	49,057	53,617	50,906	52,571	53,036
United States	9,271	8,673	9,474	11,375	4,770	9,144
World Total	59,254	57,730	63,091	62,281	57,341	62,180
Total Consumption						
Argentina	2,150	2,050	1,150	1,450	1,600	1,600
Bolivia	980	980	1,400	1,350	1,400	1,300
Brazil	2,200	2,400	2,100	3,000	2,900	3,600
Burkina Faso	1,800	1,870	1,900	1,650	1,950	1,900
Cameroon	1,225	1,222	1,225	1,215	1,230	1,225
Chad	1,000	1,000	1,000	950	975	975
China	3,600	6,800	11,400	14,000	7,800	11,000
Ethiopia	5,000	5,300	5,200	4,650	4,300	4,300
India	3,550	4,500	4,550	4,450	4,150	4,250
Mali	1,470	1,500	1,700	1,400	1,550	1,500
Mexico	5,100	5,000	4,500	5,000	5,100	5,000
Niger	2,100	2,000	2,050	1,400	1,250	1,800
Nigeria	6,650	6,650	6,550	6,650	6,650	6,650
Sudan	5,300	4,350	5,100	3,700	5,200	5,000
Tanzania	675	730	1,025	1,050	1,025	1,000
Others	9,359	7,740	7,967	7,553	7,295	7,347
Subtotal	52,235	55,001	60,320	58,639	55,095	58,786
United States	6,212	4,365	2,638	3,214	3,048	3,048
World Total	58,447	59,366	62,958	61,853	58,143	61,834
Ending Stocks						
Argentina	454	266	196	447	347	247
Australia	287	154	20	323	313	353
Brazil	194	293	266	312	317	308
China	17	34	269	255	225	220
India	153	394	599	259	159	259
Mexico	259	153	102	303	252	251
Sudan	631	110	280	148	241	286
Others	1,879	1,687	1,740	1,168	1,122	1,270
Subtotal	3,874	3,091	3,472	3,215	2,976	3,194
United States	1,617	764	516	1,201	638	766
World Total	5,491	3,855	3,988	4,416	3,614	3,960

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
TY Imports						
North America	547	568	134	363	201	201
South America	80	45	37	31	24	12
European Union	666	89	13	168	80	100
Other Europe	22	25	23	19	10	20
Middle East	43	59	40	85	30	40
North Africa	0	2	0	1	2	1
Sub-Saharan Africa	650	618	646	517	578	528
East Asia	1,175	4,180	9,030	11,307	5,055	8,246
Southeast Asia	36	41	28	32	30	25
Others	29	2	7	7	3	5
Total	3,248	5,629	9,958	12,530	6,013	9,178
Production						
North America	13,971	13,001	13,822	16,215	9,620	13,944
Central America	288	286	249	215	195	205
Caribbean	106	71	76	71	66	61
South America	5,922	6,256	7,116	8,024	7,968	8,369
European Union	781	1,012	1,001	801	551	750
Middle East	310	386	638	407	401	405
North Africa	808	761	735	755	755	754
Sub-Saharan Africa	29,103	27,272	29,759	25,684	27,873	28,190
East Asia	2,911	3,139	2,972	3,002	3,002	3,002
South Asia	3,629	4,892	4,908	4,214	4,235	4,535
Southeast Asia	50	50	50	50	50	50
Oceania	1,160	397	1,639	2,648	2,500	1,800
Others	215	207	126	195	125	115
Total	59,254	57,730	63,091	62,281	57,341	62,180
Domestic Consumption						
North America	11,312	9,365	7,138	8,214	8,148	8,048
Central America	291	286	252	217	195	205
Caribbean	108	71	79	74	69	66
South America	5,644	5,687	4,909	5,990	6,149	6,729
European Union	1,554	1,128	1,033	950	585	832
Middle East	356	441	678	485	431	450
North Africa	803	784	754	755	757	755
Sub-Saharan Africa	29,145	28,348	29,895	26,798	28,228	28,318
East Asia	4,156	7,257	11,774	14,320	8,057	11,248
South Asia	3,726	4,621	4,651	4,517	4,285	4,385
Southeast Asia	85	81	83	77	79	74
Oceania	1,050	280	95	160	310	260
Others	141	108	114	125	130	125
Total	58,371	58,457	61,455	62,682	57,423	61,495
Ending Stocks						
North America	1,876	917	618	1,504	890	1,017
Central America	9	9	6	4	4	4
South America	740	683	634	958	859	695
European Union	101	54	21	17	18	16
Middle East	0	0	0	0	0	0
North Africa	46	24	5	5	5	5
Sub-Saharan Africa	2,179	1,510	1,773	1,034	1,099	1,354
East Asia	38	71	295	279	249	244
South Asia	153	394	599	259	159	259
Oceania	287	154	20	323	313	353
Others	62	39	17	33	18	13
Total	5,491	3,855	3,988	4,416	3,614	3,960

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

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
TY Exports						
Australia	250	245	391	512	550	550
Brazil	6	3	1	7	10	5
Canada	1,665	1,899	1,959	1,222	1,700	1,600
Chile	36	6	3	56	20	5
European Union	119	235	145	188	100	100
Russia	134	73	90	150	150	125
United Kingdom	49	110	31	167	160	75
Others	43	29	27	15	15	16
Subtotal	2,302	2,600	2,647	2,317	2,705	2,476
United States	26	32	51	32	30	30
World Total	2,328	2,632	2,698	2,349	2,735	2,506
TY Imports						
Canada	9	16	19	28	10	15
Chile	14	28	169	12	75	75
China	224	222	301	342	425	400
Ecuador	16	12	26	0	20	10
European Union	58	113	33	209	160	125
India	21	25	46	45	50	50
Japan	46	47	48	48	50	55
Korea, South	31	25	24	26	25	25
Malaysia	16	29	26	19	25	30
Mexico	129	137	171	189	170	175
Norway	93	45	15	32	10	10
Peru	41	45	44	30	35	35
South Africa	23	62	21	0	30	20
Switzerland	51	56	49	50	50	50
United Kingdom	28	23	18	16	20	25
Others	49	43	34	36	42	31
Subtotal	849	928	1,044	1,082	1,197	1,131
Unaccounted	82	113	81	13	138	75
United States	1,397	1,591	1,573	1,254	1,400	1,300
World Total	2,328	2,632	2,698	2,349	2,735	2,506

TY=Trade Year, see Endnotes.

World Oats Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
Production						
Algeria	118	101	69	105	105	105
Argentina	572	600	510	725	645	610
Australia	1,135	1,143	1,898	1,735	1,600	1,500
Belarus	342	368	445	350	375	350
Brazil	795	879	853	1,143	1,190	1,220
Canada	3,436	4,227	4,576	2,899	5,226	3,650
Chile	385	477	525	578	315	450
China	560	600	600	600	600	600
European Union	6,940	6,965	8,473	7,516	7,631	7,400
Kazakhstan	336	267	240	182	229	220
Norway	144	300	300	300	300	300
Russia	4,715	4,420	4,127	3,733	4,500	4,100
Turkey	230	230	240	250	250	250
Ukraine	423	427	515	478	390	350
United Kingdom	850	1,076	1,031	1,123	1,007	900
Others	420	353	355	435	426	423
Subtotal	21,401	22,433	24,757	22,152	24,789	22,428
United States	815	773	954	578	837	871
World Total	22,216	23,206	25,711	22,730	25,626	23,299
Total Consumption						
Argentina	550	600	525	710	650	600
Australia	900	970	1,200	1,200	1,150	1,000
Belarus	375	370	440	350	375	350
Brazil	775	845	845	1,125	1,175	1,225
Canada	2,083	2,419	2,340	1,920	2,950	2,500
Chile	390	520	615	570	385	525
China	870	870	900	925	1,000	1,000
European Union	7,000	6,900	8,250	7,650	7,730	7,500
Kazakhstan	315	250	235	205	205	220
Mexico	255	210	235	265	270	265
Norway	250	345	320	322	325	310
Russia	4,700	4,200	4,050	3,650	4,300	4,000
Turkey	230	240	240	240	255	250
Ukraine	450	420	475	465	415	350
United Kingdom	867	984	969	1,007	855	875
Others	701	660	683	718	751	731
Subtotal	20,723	20,819	22,559	21,421	22,826	21,696
United States	2,326	2,344	2,362	2,013	2,278	2,265
World Total	23,049	23,163	24,921	23,434	25,104	23,961
Ending Stocks						
Australia	191	114	416	395	295	245
Brazil	37	68	75	83	90	80
Canada	397	426	657	333	929	494
China	155	107	108	125	150	150
European Union	464	425	558	366	367	292
Russia	60	195	188	122	173	149
United Kingdom	116	106	147	157	124	99
Others	310	347	411	353	333	334
Subtotal	1,730	1,788	2,560	1,934	2,461	1,843
United States	549	534	552	474	469	425
World Total	2,279	2,322	3,112	2,408	2,930	2,268

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
TY Imports						
North America	1,535	1,744	1,763	1,471	1,580	1,490
South America	78	89	241	53	146	125
European Union	58	113	33	209	160	125
Other Europe	178	131	89	104	87	89
Former Soviet Union - 12	34	8	7	7	6	5
Middle East	0	0	0	7	7	7
North Africa	2	24	18	5	6	10
Sub-Saharan Africa	23	62	21	0	30	20
East Asia	301	294	373	416	500	480
South Asia	21	25	46	45	50	50
Southeast Asia	16	29	26	19	25	30
Oceania	0	0	0	0	0	0
Total	2,246	2,519	2,617	2,336	2,597	2,431
Production						
North America	4,354	5,099	5,593	3,570	6,163	4,611
South America	1,831	2,017	1,949	2,507	2,217	2,342
European Union	6,940	6,965	8,473	7,516	7,631	7,400
Other Europe	1,146	1,509	1,468	1,555	1,440	1,334
Former Soviet Union - 12	5,823	5,489	5,334	4,801	5,549	5,073
Middle East	230	230	240	250	250	250
North Africa	139	109	75	111	111	109
Sub-Saharan Africa	33	17	57	59	30	45
East Asia	561	601	601	601	601	601
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	1,159	1,170	1,921	1,760	1,634	1,534
Total	22,216	23,206	25,711	22,730	25,626	23,299
Domestic Consumption						
North America	4,664	4,973	4,937	4,198	5,498	5,030
South America	1,843	2,088	2,123	2,513	2,347	2,461
European Union	7,000	6,900	8,250	7,650	7,730	7,500
Other Europe	1,326	1,518	1,486	1,519	1,370	1,372
Former Soviet Union - 12	5,852	5,250	5,211	4,732	5,352	4,975
Middle East	230	240	240	240	255	250
North Africa	142	118	101	124	117	119
Sub-Saharan Africa	65	69	69	70	65	65
East Asia	951	943	972	1,000	1,076	1,080
South Asia	21	25	46	45	50	50
Southeast Asia	16	29	26	19	25	30
Oceania	927	994	1,223	1,225	1,184	1,034
Total	23,037	23,147	24,684	23,335	25,069	23,966
Ending Stocks						
North America	949	968	1,222	823	1,414	935
South America	144	191	229	192	193	187
European Union	464	425	558	366	367	292
Other Europe	167	158	194	204	170	144
Former Soviet Union - 12	177	322	341	253	295	262
Middle East	16	6	6	23	24	30
North Africa	1	3	0	0	0	0
Sub-Saharan Africa	15	25	34	23	18	18
East Asia	155	107	109	126	151	152
South Asia	0	0	0	0	0	0
Southeast Asia	0	0	0	0	0	0
Oceania	191	117	419	398	298	248
Total	2,279	2,322	3,112	2,408	2,930	2,268

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

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
TY Exports						
Belarus	0	0	22	5	5	5
Canada	152	147	148	157	175	180
European Union	191	274	95	210	150	175
Russia	178	6	101	125	65	80
Ukraine	42	8	58	124	15	10
Others	1	0	3	22	4	1
Subtotal	564	435	427	643	414	451
United States	4	6	4	4	3	5
World Total	568	441	431	647	417	456
TY Imports						
European Union	221	0	131	220	150	150
Israel	17	7	18	5	5	10
Japan	23	19	22	13	15	15
Kazakhstan	0	2	11	1	5	5
Korea, South	3	4	4	4	5	5
Norway	19	10	10	3	5	5
United Kingdom	3	1	4	11	5	5
Others	16	105	10	47	9	7
Subtotal	302	148	210	304	199	202
Unaccounted	-28	9	31	12	18	4
United States	294	284	190	331	200	250
World Total	568	441	431	647	417	456

TY=Trade Year, see Endnotes.

World Rye Production, Consumption, and Stocks

Local Marketing Years, Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24 May
Production						
Argentina	87	220	135	225	160	165
Belarus	503	756	1,051	800	750	780
Canada	236	333	488	372	520	375
European Union	6,173	8,395	8,968	8,008	7,536	7,750
Russia	1,914	1,424	2,376	1,716	2,000	1,900
Turkey	320	320	320	330	320	320
Ukraine	396	339	459	600	285	230
Others	158	203	214	212	231	209
Subtotal	9,787	11,990	14,011	12,263	11,802	11,729
United States	214	270	293	249	312	266
World Total	10,001	12,260	14,304	12,512	12,114	11,995
Total Consumption						
Argentina	87	220	135	225	160	165
Australia	31	32	32	32	32	32
Belarus	550	750	1,050	790	740	750
Canada	169	181	289	231	325	230
European Union	6,350	8,060	8,750	8,160	7,850	7,700
Kazakhstan	35	27	35	45	45	45
Norway	27	59	58	56	55	55
Russia	1,750	1,550	2,200	1,700	1,850	1,850
Turkey	320	320	320	358	330	334
Ukraine	332	332	402	415	337	202
Others	143	133	150	123	127	125
Subtotal	9,819	11,656	13,442	12,137	11,795	11,487
United States	518	550	528	522	611	518
World Total	10,337	12,206	13,970	12,659	12,406	12,005
Ending Stocks						
Belarus	35	44	31	34	37	65
Canada	49	40	91	84	106	72
European Union	513	590	739	686	362	387
Japan	1	1	1	1	1	1
Kazakhstan	4	0	4	4	4	4
Russia	141	104	201	93	179	149
Ukraine	47	48	90	114	42	60
Others	14	14	14	24	14	0
Subtotal	804	841	1,171	1,040	745	738
United States	11	28	32	16	19	16
World Total	815	869	1,203	1,056	764	754

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2018/19	2019/20	2020/21	2021/22	2022/23	May 2023/24
TY Imports						
North America	296	287	191	332	202	251
South America	0	0	0	0	0	0
European Union	221	0	131	220	150	150
Other Europe	25	15	17	20	13	13
Former Soviet Union - 12	11	100	17	5	9	8
Middle East	17	7	18	41	5	10
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	26	23	26	17	20	20
Oceania	0	0	0	0	0	0
Total	596	432	400	635	399	452
Production						
North America	450	603	781	621	832	641
South America	98	234	150	241	177	177
European Union	6,173	8,395	8,968	8,008	7,536	7,750
Other Europe	90	131	134	121	119	122
Former Soviet Union - 12	2,836	2,542	3,916	3,156	3,095	2,950
Middle East	320	320	320	330	320	320
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	31	32	32	32	32	32
Total	10,001	12,260	14,304	12,512	12,114	11,995
Domestic Consumption						
North America	687	731	817	753	936	748
South America	98	234	150	241	177	177
European Union	6,350	8,060	8,750	8,160	7,850	7,700
Other Europe	113	145	146	138	137	135
Former Soviet Union - 12	2,667	2,659	3,687	2,950	2,972	2,847
Middle East	337	327	338	363	335	344
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	26	23	26	17	20	20
Oceania	31	32	32	32	32	32
Total	10,312	12,214	13,949	12,657	12,462	12,006
Ending Stocks						
North America	60	68	123	100	125	88
South America	0	0	0	0	0	0
European Union	513	590	739	686	362	387
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	227	196	326	245	262	278
Middle East	14	14	14	24	14	0
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	815	869	1,203	1,056	764	754

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.