

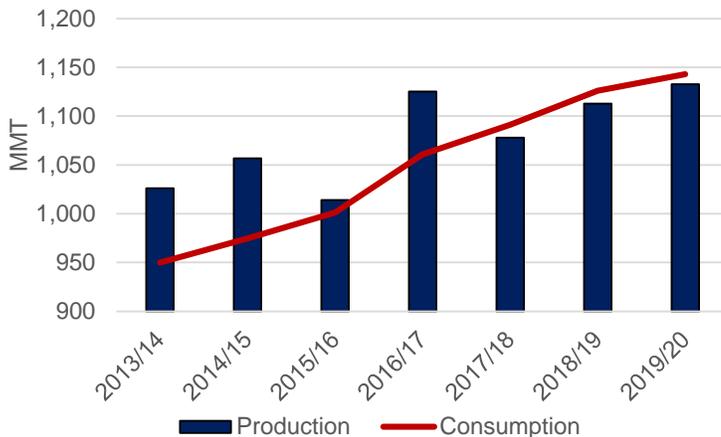


Grain: World Markets and Trade

May 2019

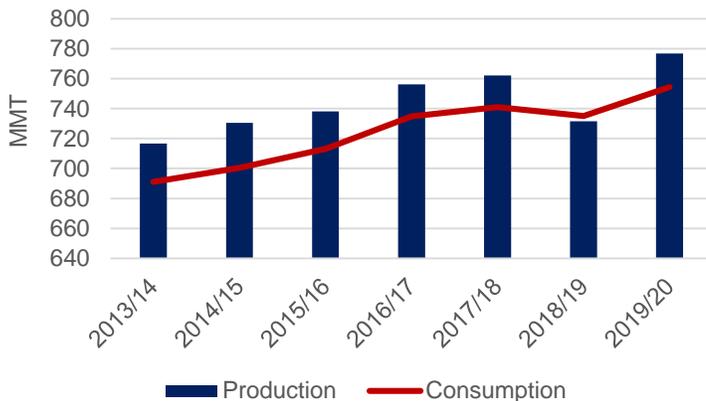
Global Grain Supply and Use to Expand

Global Corn Consumption Strong



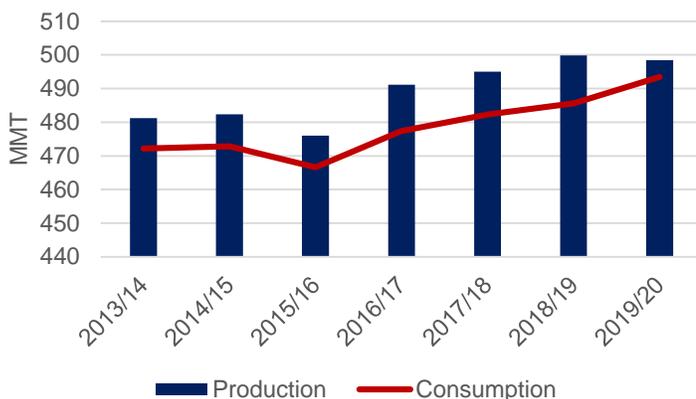
For 2019/20, global **corn** production is projected up with larger area in many countries. For key exporters, crops for Argentina and Brazil are projected at record levels, while Ukraine and the United States reach near-record crops. Global consumption continues to outpace production driven by higher feed use, particularly for growth in poultry production. Corn for non-feed use also expands, primarily driven by growth in China. With larger consumption, global trade is expected to expand. Global ending stocks are projected down at the world level as a decline in China more than offsets stock-building outside of China.

Record Global Wheat Production Outpaces Consumption



For 2019/20, global **wheat** production is forecast up with larger crops in most major exporting countries. Production for Argentina, Australia, Canada, the European Union, Russia, and Ukraine are all forecast higher than the previous year. Food consumption continues to rise due to changing diets and growing incomes, especially in developing regions of Asia and Africa. Feed and residual use is expected to be higher this year on lower prices from large global wheat supplies. With consumption and production up, trade is also forecast higher. Global ending stocks are forecast to grow as well, with China continuing to account for about half of the total.

Rising Rice Consumption Despite Reduced Production Forecast



For 2019/20, global **rice** production is forecast down with smaller crops in top-producing countries China and India. In contrast, global consumption is forecast to rise, particularly in Sub-Saharan Africa where affordable Asian rice is growing as a staple for a rising population. Global trade is forecast at a near-record level, with India continuing to dominate exports. Notably, while China is the top importer, it has also grown in prominence as a significant exporter. Global stocks are up, with China accounting for 68 percent of the total. The increase in stocks, both globally and in China, is the smallest in a decade.

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

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

FAS Reports and Databases:

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

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

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

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

[Export Sales Report](#)

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

Other USDA Reports:

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

[Economic Research Service](#)

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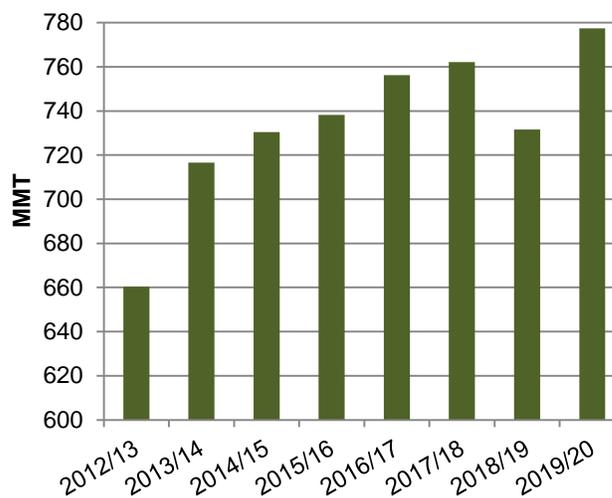
WHEAT

OVERVIEW FOR 2019/20

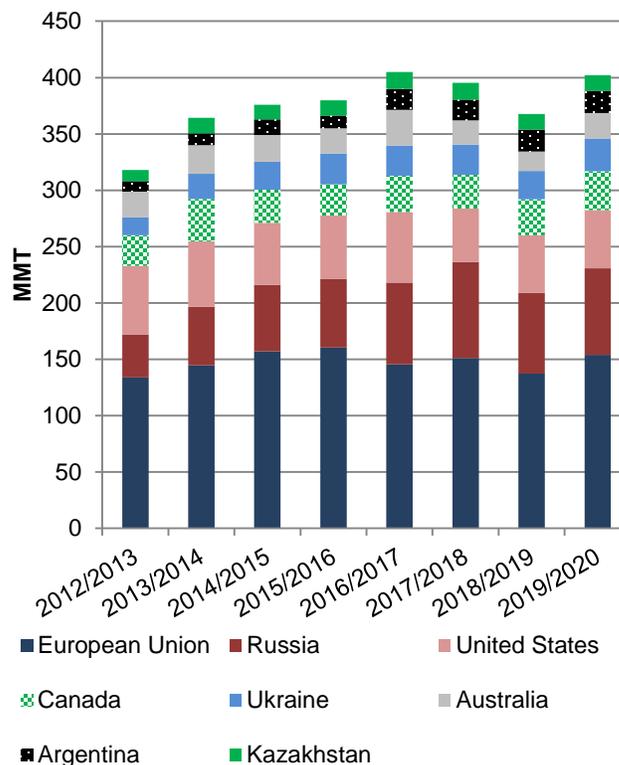
Global production is forecast at a record 777 million tons, rebounding 46 million from last year. Production among the top exporting countries is projected up a combined total of 34 million tons as nearly all are expecting larger crops. **EU** wheat production is forecast up about 17 million tons from last year's crop. **Australia** is expected to have a larger crop after experiencing drought in back-to-back years. **Russia** and **Ukraine** are also expected to have larger crops based on good winter conditions in both countries. **Argentina** and **Canada** are both expected to have larger crops based on expanded area. **U.S.** production is also forecast up as higher projected yields more than offset a smaller harvested area. **Kazakhstan** is also expecting a smaller crop based on reduced area.

Outside of the major exporting countries, production is also projected higher. **China** is up slightly at 132 million tons. **India** is up marginally to a record 100 million tons, which would be its third straight bumper crop. **Pakistan** and **Turkey** are projected up with higher yields in both countries. The world's largest importer, **Egypt**, is expected to have a slightly bigger crop due to larger area. Key importers **Algeria**, **Brazil**, **Ethiopia**, and **South Africa** are all expected to have crops about the same size as last year. Favorable weather has led to expectations of a larger crop in **Tunisia**. On the other hand, dry conditions in **Morocco** have cut the expectations for that crop by nearly 3 million tons from the previous year.

Record Global Wheat Production



Production for Leading Exporter Countries

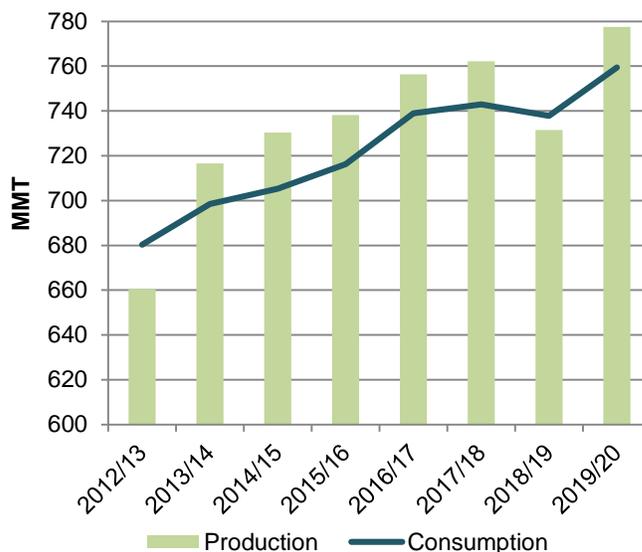


Global consumption is projected at a record in 2019/20 but will be surpassed by surging production. This would be the sixth time in 7 years that production has been larger than consumption.

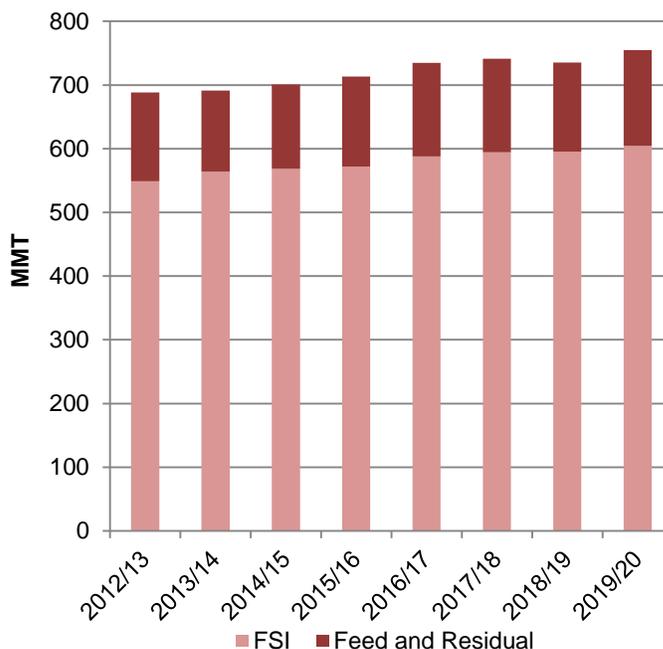
Food, Seed, and Industrial (FSI) consumption makes up the bulk of wheat use and exhibits a steady trend upwards over time. In 2019/20, FSI is forecast at a record with growth seen across nearly all regions. Growth is particularly significant in **South Asia** and **East Asia** based on rising food use in India and China. **Sub-Saharan Africa** also demonstrates strong growth in food use based on rapid population growth and changing tastes and preferences. Consumers continue to move toward a more wheat-based diet with rising incomes and increased urbanization. FSI use in most other regions continues to rise mainly related to population growth.

Feed and residual use, on the other hand, is generally more variable and depends on price relationships with other grains. In 2019/20, feed and residual is forecast to rebound based on larger supplies in major producing countries. While feed and residual often rises based on competitiveness with other grains, it also represents expectations of losses at various stages of the marketing chain. Generally, such losses are greater in years of abundant supply. The European Union represents the largest year-to-year increase in feed and residual with a much larger domestic crop. Feed and residual is also up in China and Ukraine with large supplies in both countries.

Global Wheat Production Above Consumption



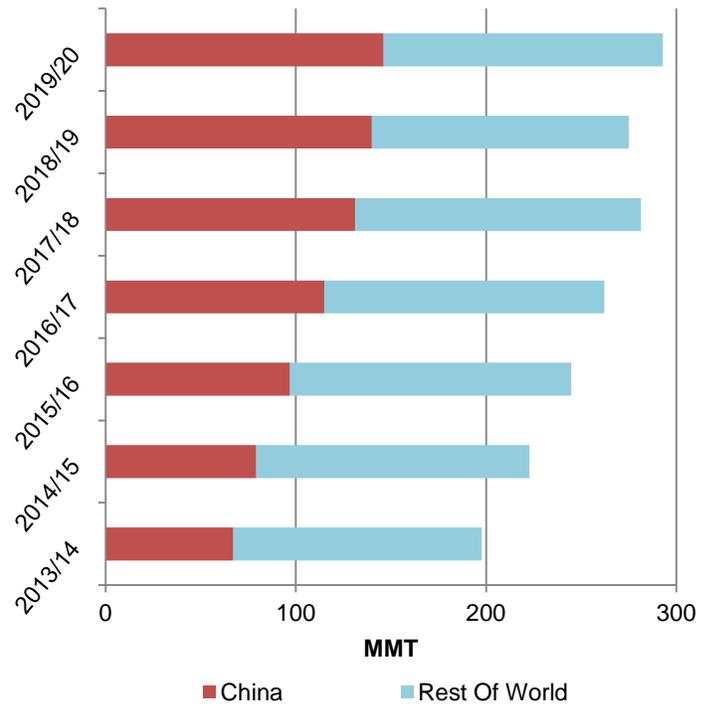
Both Food and Feed Use of Wheat Rising



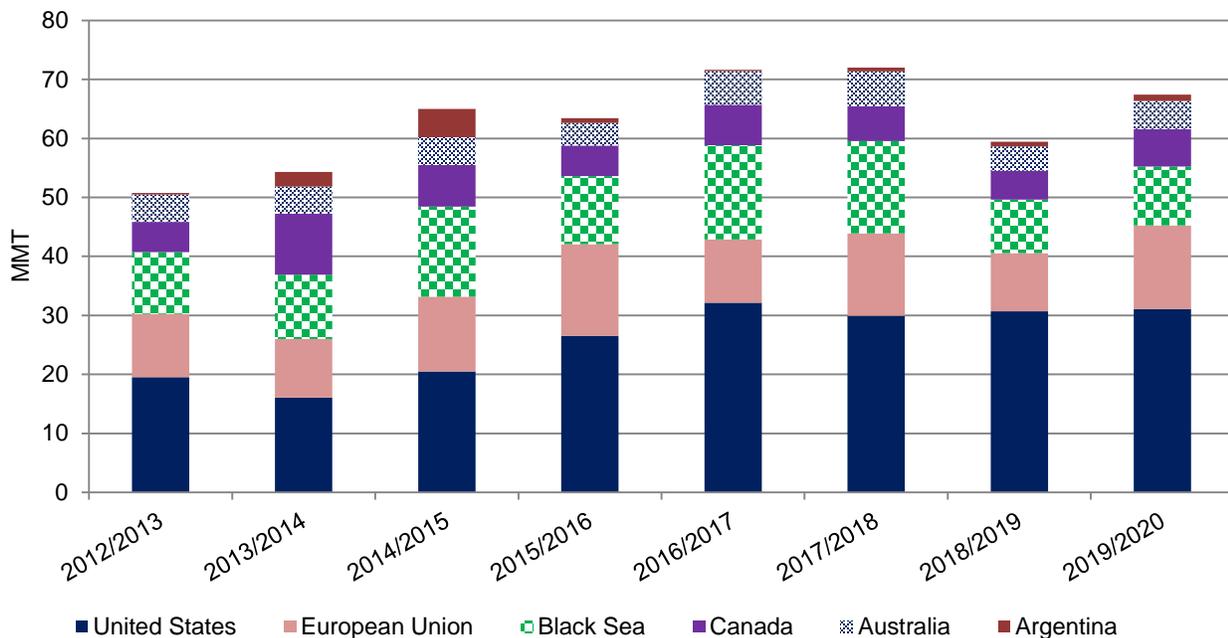
Global ending stocks for 2019/20 are projected up about 17 million tons from the previous year to 292 million. **China**, with stocks projected up about 6 million tons, still accounts for half of global stocks. Those stocks, however, are generally unavailable to the world market.

Stocks in the major exporting countries collectively are projected to rebound 13 percent from a 5-year low. **U.S.** ending stocks are forecast to grow even larger as global competition will limit the U.S. share of trade. Stocks in the **European Union** are projected up significantly with greater supplies and strong competition from Russia. Similarly, **Australia** and **Canada** will also have larger production and are expected to rebuild stocks. Among the **Black Sea** exporters, stocks are also up mainly on larger crops in **Russia** and **Ukraine**. **Kazakhstan** is projected to have tighter stocks with small exportable supplies. Stocks in **Argentina** are forecast up but remain tight with robust exports.

Global Stocks Forecast Up with China Holding About Half



Major Exporter Stocks Forecast to Rebound



Selected Importers

Global trade is forecast up 3 percent to a record 184 million tons with larger imports expected across many regions. Sub-Saharan Africa leads import growth as long-term consumption trends continue based on rising population and changing tastes and preferences. The next strongest projected growth is for Southeast Asia, where feed use is expected stronger amid larger global supplies. Furthermore, food use is up due to continued trends in dietary changes.

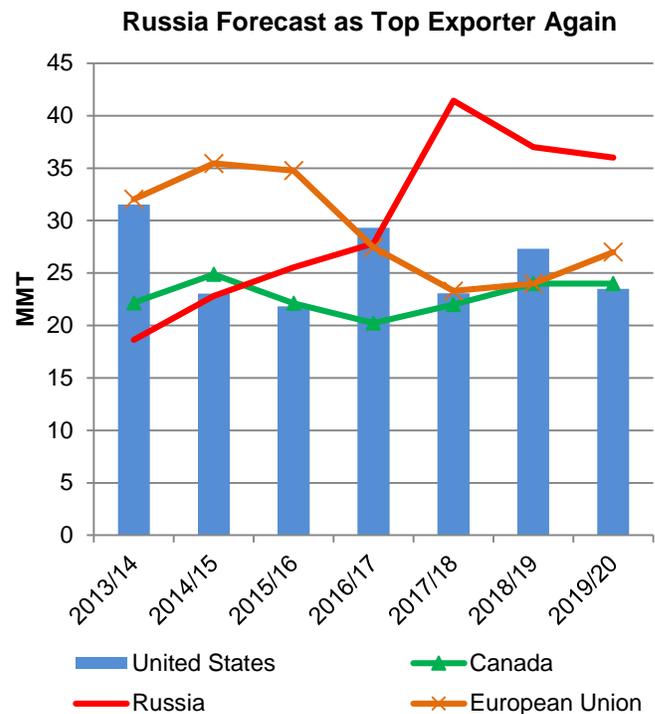


- **Egypt** is unchanged at 12.5 million tons as growth in domestic demand is accounted for by a larger crop.
- **Indonesia** is raised 500,000 tons to 11.5 million on growing consumption in both food and feed.
- **Brazil** is unchanged at 7.5 million tons with consumption and production both up slightly.
- **Algeria** is flat at 7.0 million tons on greater domestic supplies.
- **Philippines** is projected unchanged at 7.0 million tons and remains record-large with strong growth in both food and feed use.
- **Bangladesh** is up 1.5 million tons to 6.5 million on demand growth.
- **Japan** is up 100,000 tons to 5.9 million.
- **European Union** is down 300,000 tons to 5.5 million tons on a much larger crop. Imports of high-quality wheat from North America and feed-quality wheat from Ukraine are likely to change little even with large domestic supplies.
- **Mexico** is up 200,000 tons to 5.5 million on continued growth in demand for wheat-based products.
- **Turkey** is flat at 5.5 million tons. Even though the country is once again harvesting a bumper domestic crop, imports are expected to continue in order to process and re-export flour as part of the Inward Processing Regime (IPR).
- **Nigeria** is up 300,000 tons to 5.3 million as population growth and urbanization continue to support higher wheat demand.
- **Morocco** is up 800,000 tons to 4.8 million with smaller production.
- **Vietnam** is up 500,000 tons to 4.5 million on a growing food and feed industry.
- **South Korea** is up 100,000 tons to 4.1 million with expectations of stronger food and feed use.

- **United States** is up 50,000 tons to 3.8 million as large Canadian supplies will likely lead to relatively strong imports.
- **China** is unchanged at 3.5 million tons based on another large crop and high stock levels. China traditionally imports higher-quality wheat for blending.
- **Iraq** is down 1.0 million tons to 3.3 million based on a bumper crop.
- **Yemen** is up 100,000 tons to 3.3 million tons with demand rebounding slightly amid larger global supplies.
- **Saudi Arabia** is up 200,000 tons to 3.2 million with consumption rising. Imports are still expected to rise, despite a larger 2019/20 crop.
- **Thailand** is up 100,000 tons to 3.1 million with rising food use. Thailand maintains its restrictions on feed wheat in order to support domestic corn.
- **Uzbekistan** is down 100,000 tons to 3.1 million on a larger crop.
- **Afghanistan** is down 700,000 tons to 3.0 million based on a larger domestic crop.
- **Sudan** is up 200,000 tons to 2.7 million as wheat demand continues to trend higher.
- **Kenya** is up 300,000 tons to 2.4 million on rapid consumption growth, fueled by growing population, rising incomes, and urbanization.
- **Peru** is up 50,000 tons to 2.1 million with continued demand growth.
- **Colombia** is up 200,000 tons to 2.0 million on rising food use.
- **Israel** is up 100,000 tons to 1.9 million with steady growth in food use.
- **Malaysia** is up 100,000 tons to 1.8 million on rising food consumption with the popularity of Western-style products.
- **United Arab Emirates** is up 400,000 tons to 1.8 million as demand is expected to rebound after smaller 2018/19 imports.
- **South Africa** is flat at 1.7 million tons with another year of large production.
- **Ethiopia** is up 200,000 tons to 1.7 million based on expectations of stronger demand.
- **Tunisia** is down 200,000 tons to 1.6 million on a larger crop.

Selected Exporters

Even with record global demand, competition for market share will be intense based on abundant exporter supplies. **Russia's** exports are forecast to be down slightly, but it is expected to remain the world's leading wheat exporter by a large margin, supported its forecast second-largest crop. The **European Union** is forecast to be the second-largest exporter based on a bumper crop. **Canada** is projected to have larger production and another year of strong exports, which will provide direct competition against U.S. wheat in key Latin American and Asian markets. Exports for the **United States** are projected down significantly as large competitor supplies will make it difficult for U.S. wheat in price-sensitive markets.



- **Russia** is down 1.0 million tons 36.0 million as beginning stocks are expected to be tighter than last year. Production is forecast up from the previous year and would be the second-highest on record if realized.
- The **European Union** is forecast up 3.0 million tons to 27.0 million. The crop is significantly larger this year, which is expected to be more competitive globally even as domestic wheat feeding is projected larger.
- **Canada** is projected at 24.0 million tons with another year of ample supplies. Production is forecast larger but with beginning stocks tighter. Domestic feed use is expected higher with the abundant supplies. Stocks are expected to grow as transportation and logistical challenges would likely make it difficult for Canada to exceed the current export forecast.
- The **United States** is forecast down 2.8 million tons to 23.5 million. With most competitors exporting more next year, U.S. wheat exports will likely struggle to reach beyond traditional markets in Latin America and Asia.
- **Ukraine** is projected up 2.5 million tons to 19.0 million with a record crop.
- **Argentina** is forecast up 1.0 million tons to 14.0 million as domestic production is expected to continue trending larger.
- **Australia** is projected up 3.5 million tons to 13.5 million based on a larger crop following back-to-back years of drought.

- **Kazakhstan** is forecast down 1.0 million tons to 7.5 million with reduced supplies.
- **Turkey** is projected up 200,000 tons to 6.5 million with continued exports of wheat flour. With larger crops across the region, **Iran** is also expected to have larger flour exports, while **Iraq** and **Syria** will likely have smaller imports. Consequently, to reach its export estimate, Turkey will need to boost its flour exports to other regions, such as Sub-Saharan Africa.
- **Serbia** is forecast unchanged at 1.3 million tons as a smaller crop is mostly offset by larger carry-in supplies.
- **China** is projected up 100,000 tons to 1.3 million on large supplies.
- **Mexico** is forecast up 300,000 tons to 1.0 million with larger supplies.
- **Pakistan** is projected down 400,000 tons to 800,000 with the expiration of its export subsidy.

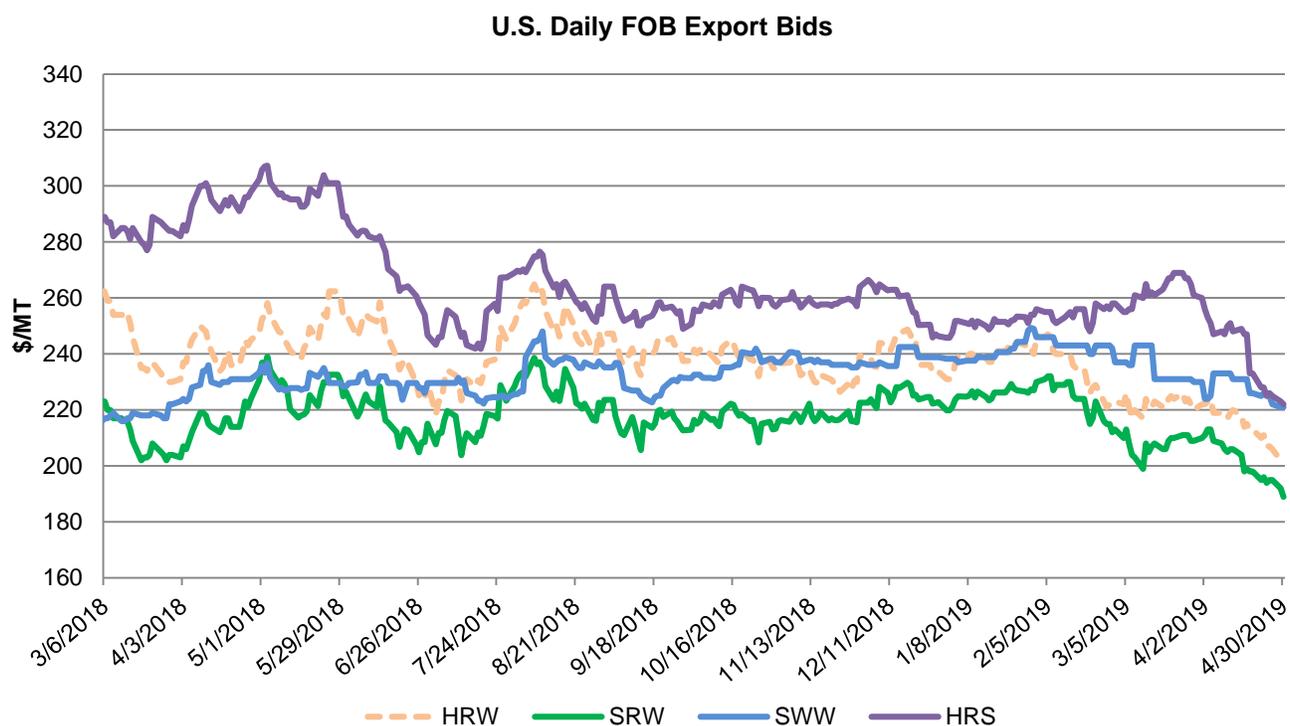
OVERVIEW FOR 2018/19

Global wheat production is lowered slightly with smaller crops in Afghanistan, Bangladesh, the European Union, and Pakistan. Global consumption is down mainly on lower use in the United States. Global trade is down, and U.S. exports are reduced. The U.S. season-average farm price is unchanged at \$5.20 per bushel.

WHEAT PRICES

Domestic: Overall, U.S. wheat prices were down during the month of April on a slower-than-expected pace of exports and reports of good crop conditions in major competing countries. Hard Red Winter (HRW) fell \$19/ton to \$201, spurred by reports of good U.S. growing conditions and expectations of favorable yields. Soft Red Winter (SRW) dropped \$20/ton to \$189 in spite of overly wet conditions in many growing areas. Soft White Winter (SWW) declined \$12/ton to \$230. Hard Red Spring (HRS) plummeted \$39 to \$222 with expectations of large new-crop supplies in Canada.

Source: IGC



Global: Global exporter quotes were mostly down in April on reports of good new-crop conditions in key Northern Hemisphere countries, particularly the European Union and Russia. Black Sea prices dropped \$12/ton to \$216 and EU prices declined \$3/ton to \$201. U.S. wheat fell \$19/ton to \$201 based on a weaker-than-expected pace of shipments and expectations for abundant competitor supplies. Canada dropped the farthest, down \$25/ton to \$222, based on reports of expanded area and consequently, a very large crop. Australian prices also declined during the month but remain high relative to other exporters.

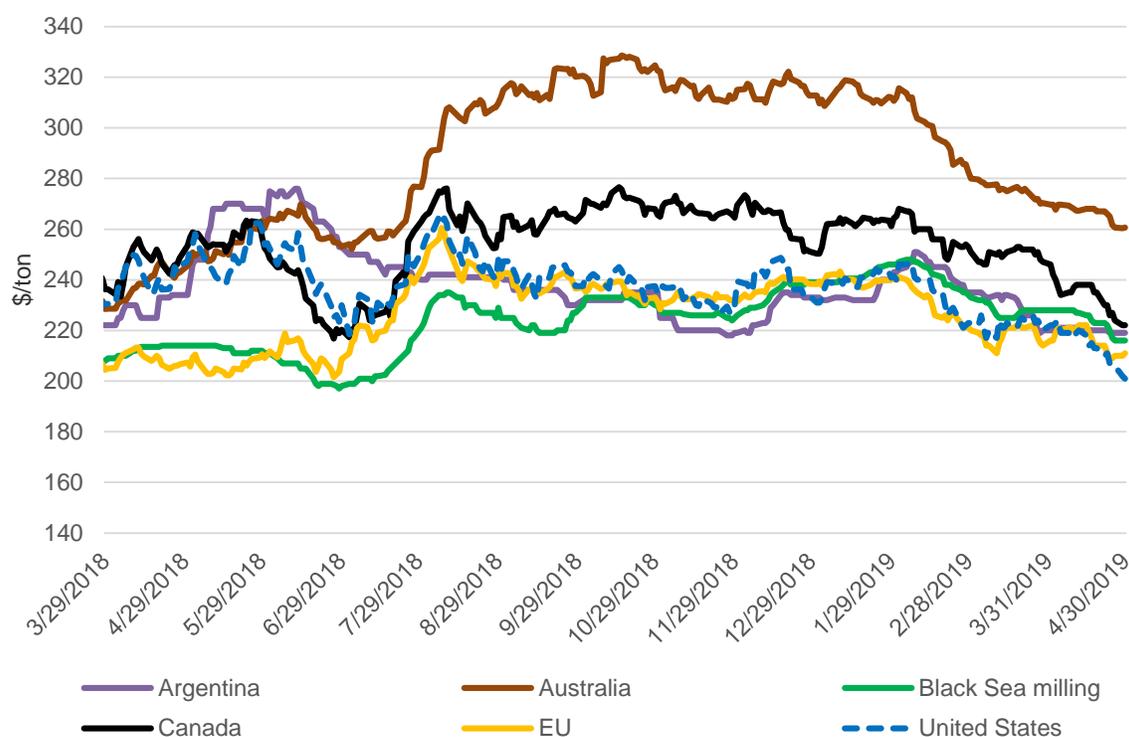
Month Ending Prices for Major Wheat Exporters

Month Ending	Argentina	Australia	Black Sea	Canada	EU	US
April	\$219	\$260	\$216	\$222	\$211	\$201
March	\$220	\$270	\$228	\$247	\$214	\$220
February	\$235	\$283	\$234	\$253	\$221	\$223

Source: IGC

Note on FOB prices: Argentina- 12.0%, up river; Australia- average of APW; Fremantle, Newcastle, and Port Adelaide; Black Sea-milling; Canada- CWRS 13.5% St. Lawrence; EU- France grade 1, Rouen; US- HRW 11.5% Gulf

International Daily FOB Export Bids



TRADE CHANGES IN 2018/19 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Afghanistan	Imports	3,500	3,700	200	Reduced crop
Algeria	Imports	7,400	7,000	-400	Slowing pace of purchases and expectations of large 2019/20 production
European Union	Imports	6,000	5,800	-200	Slowing pace of imports
Indonesia	Imports	10,500	11,000	500	Pace of trade and increased consumption
Morocco	Imports	3,800	4,000	200	Expectations of tight new-crop supplies
Sri Lanka	Imports	950	750	-200	Pace of trade
	Exports	27,300	26,300	-1,000	Lagging pace of shipments
United States	Imports	3,850	3,750	-100	Slow trade in recent months
Yemen	Imports	3,000	3,200	200	Recent rise in imports

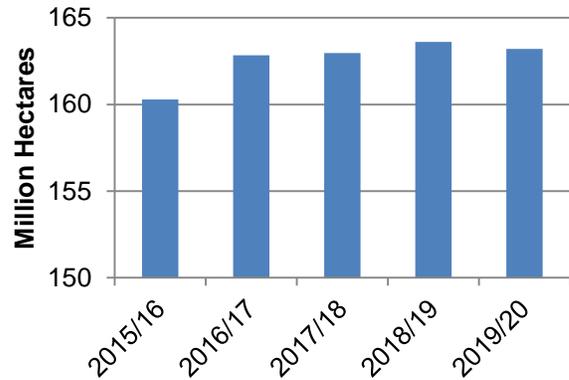
RICE

OVERVIEW FOR 2019/20

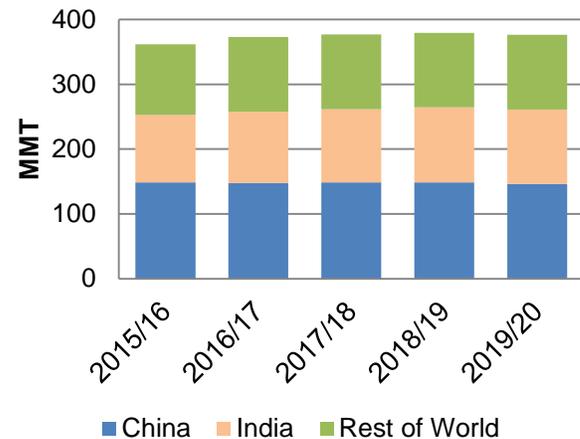
Global rice production, area, and yield in 2019/20 are forecast lower from the prior year's record, but still slightly above 2017/18. The largest projected reductions are for the two largest-producing countries, **China** and **India**, with both area and yield forecast down. The **United States** is also projected to have smaller planted area and production. The largest year-to-year increases are for **Thailand** and **Laos**, with significant production growth also expected for **Bangladesh, Indonesia, Burma, and Vietnam**.

World consumption is set to increase slightly by 1 percent. The largest increases are forecast for **India** and **China**. Food use accounts for the bulk of rice consumption. In some regions where rice per-capita consumption has traditionally been high, particularly in **Asia**, people are consuming less rice as their diets diversify (i.e. **South Korea, Japan**). In contrast, in many **African** countries, rice consumption is rising, especially in urban areas.

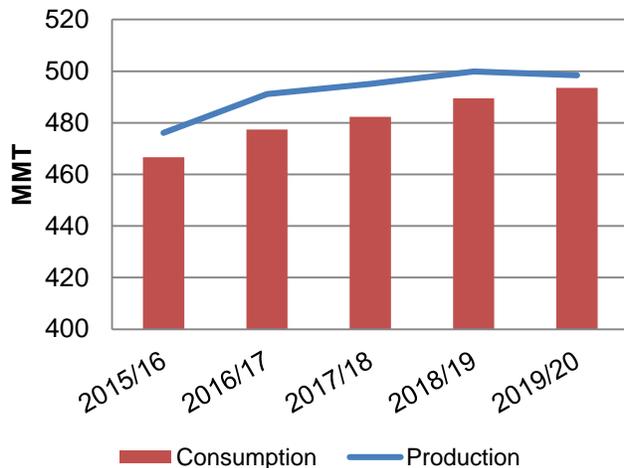
Global Rice Area Harvested



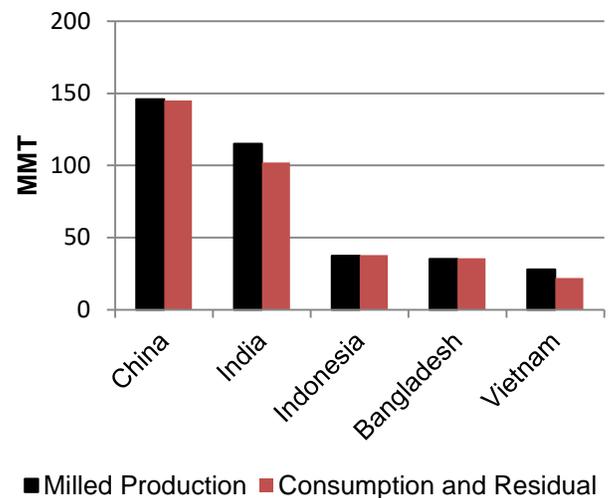
Global Milled Rice Production



Production Continues to Outpace Consumption



Top Producers are Top Consumers

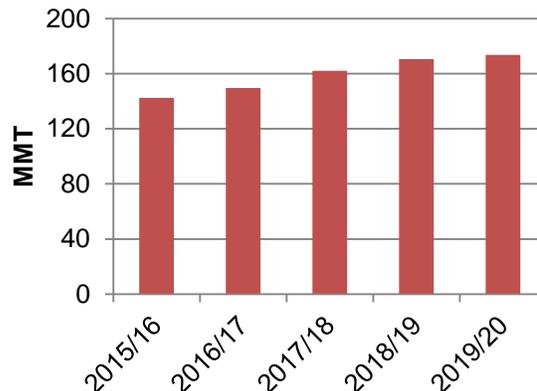


Global supplies are forecast to slightly exceed use; therefore, global 2019/20 ending stocks are forecast up slightly. This would be the first time in 13 years that stocks would not grow significantly. **China** is forecast to account for nearly 70 percent of global stocks. Its stocks are only expected to rise by 2 million tons, the smallest annual increase in a decade, on account of a smaller crop, rising exports, and continued auctions of government reserves.

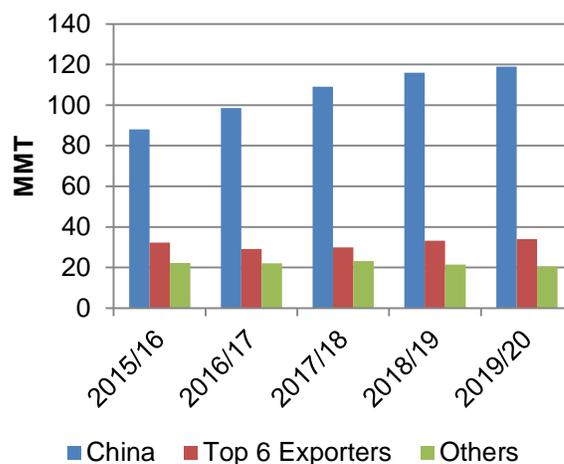
Stocks in **India** are expected to continue to climb and far exceed the desired buffer stocks level, ensuring ample export capacity. Government stocks in **Thailand** have dwindled, but private sector stocks are forecast to rise slightly amid intense export competition. **The Philippines** is forecast to increase its stocks amid larger crops. Meanwhile, the third- and fourth-largest producers **Indonesia** and **Bangladesh** are forecast to have marginal declines in ending stocks but are expected to remain relatively minor importers. Ending stocks for the **United States** are forecast to continue increasing but at a slower pace. U.S. ending stocks are forecast at the highest level since 1985/86.

For 2020, trade is forecast up 3 percent to 48 million tons, around the 2017 level. The largest import demand growth is forecast in **Sub-Saharan Africa** and the **Middle East**, whereas imports for **Southeast Asia** are expected to decline. **India** will remain the top exporter, followed by **Thailand, Vietnam, and Pakistan**. Meanwhile, **China** is expected to continue as a rising exporter while also remaining the top importer. In the Western Hemisphere, **U.S.** exports are projected up, whereas **Guyana** and **Uruguay** are forecast flat and **Argentina** and **Brazil** are expected to decline.

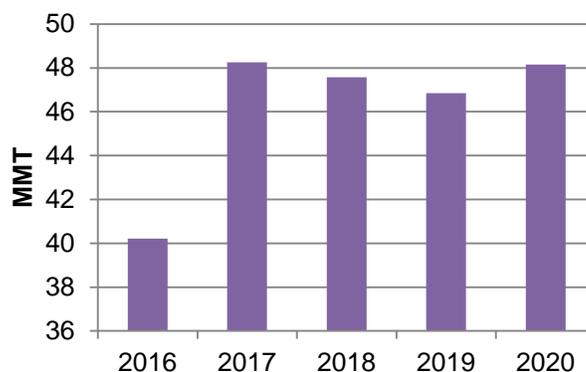
Global Rice Stocks



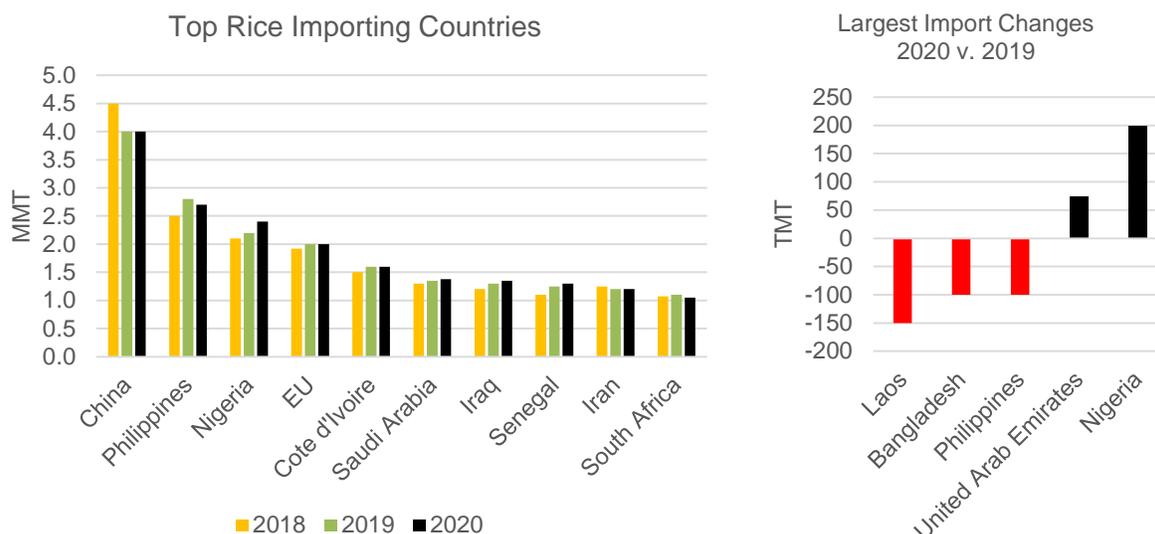
Top Rice Stocks



World Rice Trade



Selected Importers for 2020



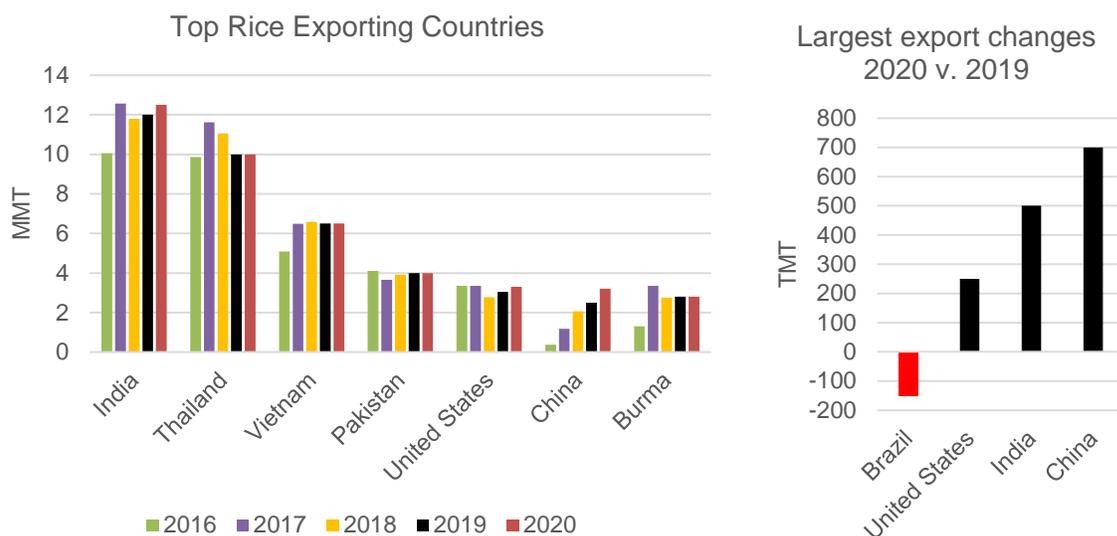
- **China** is projected to again import 4.0 million tons. Area and production are forecast to be lower with the minimum support prices unchanged. However, total supplies are expected to be up from the prior year, due to larger beginning stocks in the government's temporary reserve. Imports are expected to continue to be primarily from neighboring countries.
- **The Philippines** is down 100,000 tons to 2.7 million on ample stocks and larger forecast production. The quantitative restrictions on rice imports have been replaced with tariffs, with a tariff advantage for the Association of Southeast Asian Nations member countries. Consumption is expected to rise on both abundant local supplies and relatively low-priced imports.
- **Nigeria** is projected up 200,000 tons to 2.4 million as growth in demand for imported parboiled rice remains strong, despite modest gains in domestic production. With a rapidly growing and urbanizing population, imported parboiled rice demand continues to rise. Although the government has restricted the use of foreign exchange for rice imports, transshipment through nearby countries is expected to continue.
- **European Union** is forecast to remain at 2.0 million tons as a slightly higher production is offset by slowing consumption growth. Imports from Cambodia and Burma have surged in recent years under the *Everything but Arms* initiative. In January 2019, the European Union imposed safeguard measures to restore import duties for these two countries, with a slight reduction in the tariff amount in 2020.
- **Cote d'Ivoire** is projected to remain at 1.6 million tons as rising consumption is offset by larger production. Import demand remains strong for Asian milled and broken rice, with nearly all major Asian exporters supplying the market.
- **Saudi Arabia** is forecast up 25,000 tons to 1.4 million on expected expansion in tourist visits offsetting declines in the foreign worker population. Imports are primarily basmati rice but also parboiled long grain and milled medium grain.
- **Iraq** is expected to increase 50,000 tons to 1.4 million. With greater availability of water resources this year, the area and yield is expected to rebound but only marginally.

While the Ministry of Trade imports through public tenders and direct purchases for the Public Distribution System, the private sector supplements the consumer-subsidized goods with additional imports.

- **Senegal** is projected up 50,000 tons to 1.3 million, reflecting continued demand for broken rice, primarily from Asia. Senegal is the largest importer of broken rice and has recently instituted policies constraining the amount of non-broken imports.
- **Iran** is forecast unchanged at 1.2 million tons on growing demand amid slightly higher production. The country has been seeking higher levels of self-sufficiency, though basmati imports remain desired by consumers.
- **South Africa** is down 50,000 tons to 1.1 million, as the preferred staple of white maize remains readily available.
- **Malaysia** is forecast to remain at 1.0 million tons with relatively minor consumption growth.
- **The United Arab Emirates** is projected to rise 75,000 tons to 925,000 as the population and tourism industry expand in advance of the World Expo 2020. Many in the expatriate population are significant rice consumers.
- **United States** is forecast to remain at 900,000 tons. The United States is the largest importer of rice in the Western Hemisphere. It primarily imports long-grain fragrant varieties from Thailand and India although recently medium-grain rice from China has been imported by Puerto Rico.
- **Guinea** is projected up 50,000 tons to 900,000 as per-capita consumption continues to rise and demand for parboiled imports remains strong.
- **Kenya** is up 50,000 tons to 800,000 as production is stagnant and consumption is rising for a growing population.
- **Brazil** is forecast up 50,000 tons to 800,000 on a smaller crop and steady demand.
- **Ghana** is projected steady at 800,000 tons amid rising production. Imports of fragrant varieties from Vietnam remains robust.
- **Nepal** is expected up 50,000 tons to 800,000 as low-priced imports from India continue to satisfy rising consumption.
- **Mexico** is forecast down 30,000 tons to 785,000 due to higher domestic production and ample carry-in stocks.
- **Mozambique** is forecast up 25,000 tons to 700,000 to offset a smaller crop.
- **Japan** remains stable at 685,000 tons to fulfill its WTO import commitments.
- **Venezuela** is forecast to remain at 530,000 tons on limited purchases due to economic challenges. Most imports are paddy rice, though Mexico is also supplying milled rice.
- **Indonesia** is forecast steady at 500,000 tons as a larger expected crop dampens the need for imports. Consumption is down slightly, as consumers continue to shift to consuming more instant noodles and other wheat-based products.
- **Cuba** is forecast to remain at 500,000 tons with lower consumption.
- **Haiti** is forecast up 20,000 tons to 500,000, representing slight consumption growth and a return to normal levels as the economic situation stabilizes.

- **Egypt** is expected to remain unchanged at 500,000 tons as a minor increase in production and tighter stocks keep domestic supplies exceptionally tight. Once a significant medium-grain exporter, Egypt is set to be a net importer for the second consecutive year. Thus far, imports have primarily been from China and Vietnam.
- **Madagascar** is forecast up 50,000 tons to 450,000 amid a smaller forecast crop.
- **South Korea** is steady at 410,000 tons in line with its tariff rate quota. Both feed use and stocks are forecast to decline.
- **Canada** is forecast up 5,000 tons to 385,000 on increasing consumption trends.
- **Peru** is forecast to increase 20,000 tons to 300,000 to offset tight carryin supplies.
- **Tanzania** is projected up 20,000 tons to 270,000 because of a growing and urbanizing population. Imports comprise about 10 percent of total consumption, and domestic production is forecast stable.
- **Russia** is expected to stay at 230,000 tons as rising consumption is met by a larger crop.
- **Turkey** is projected up 30,000 tons to 210,000 amid a smaller crop and moderate consumption growth.
- **Jordan** is projected up 5,000 tons to 205,000 on moderate growth in consumption.
- **Bangladesh** is forecast down 100,000 tons to 200,000 on slightly higher production levels with a higher area. Consumption growth is moderate as wheat consumption is expected to rebound and partially displace rice consumption.
- **Colombia** is forecast up 10,000 tons to 160,000, encouraged by the increasing tariff rate quota under the Colombia-U.S. Trade Promotion Agreement and continued trade from Ecuador.
- **Taiwan** is forecast at 120,000 tons, reflecting its minimum import commitments.
- **Sri Lanka** is projected remain at 50,000 tons to maintain an adequate level of stocks. Production is forecast at an adequate level for the second year in a row.

Selected Exporters for 2020



- India** is forecast up 500,000 tons to 12.5 million. Total supplies are forecast higher as the highest carryin stocks in 6 years more than offset a 1 percent smaller crop. Despite rising exports and consumption, ending stocks are forecast to rise slightly with buffer stocks remaining well above desired levels. India is anticipated to be the top exporter for the ninth consecutive year, shipping fragrant basmati, parboiled, and regular white rice.
- Thailand** is forecast flat at 10.0 million tons. Despite record production, Thai exports are expected to lose market share amid rising Indian and Chinese competition. Thai exports continue to be comprised of fragrant jasmine, parboiled, and regular white rice.
- Vietnam** is forecast unchanged at 6.5 million tons on a larger crop yet more intense export competition. Though China is still anticipated to be Vietnam's largest destination market, it is increasingly expected to also be a competitor especially in African markets. Vietnam has favorable prospects to supply the Philippine market and continues to diversify its exports, with jasmine, glutinous, long-grain, and medium-grain varieties.
- Pakistan** is projected to remain at 4.0 million tons with slightly higher production balancing lower beginning stocks. Pakistan exports regular white rice and some fragrant basmati, competing principally with India. The destination markets are primarily to East Africa, the Middle East, and neighboring countries.
- United States** is forecast up 250,000 tons to 3.3 million as high carryin stocks and ample domestic supplies and more competitive export prices enable the country to regain market share in Latin America. The United States primarily ships rough and milled rice to the Western Hemisphere, while also reaching Middle Eastern and medium-grain East Asian markets.
- China** is up 700,000 tons to 3.2 million as old-crop rice is expected to continue to be competitively-priced for foreign markets. In recent years, low-priced exports have

dramatically increased, expanding beyond the neighboring East Asia region to supply Africa and the Middle East. These would be its largest exports since 1998.

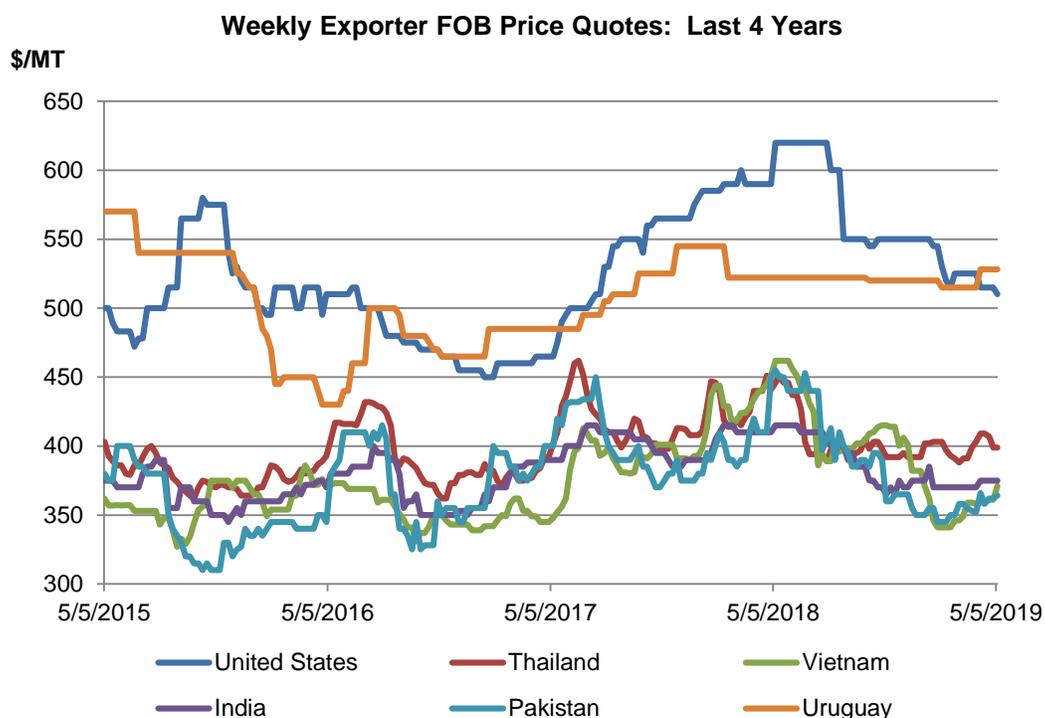
- **Burma** is forecast to remain unchanged at 2.8 million tons. Burma supplies neighboring markets, but also the European Union and Africa. Negative impacts from the application of safeguard tariffs by the European Union are expected to neutralize positive impacts of a larger export quota for China.
- **Cambodia** is projected to remain at 1.3 million tons on a larger crop, continued demand from neighboring countries, and increased access to China.
- **Uruguay** is forecast flat at 800,000 tons on low production levels and smaller beginning stocks from the previous year. High production costs and weak world prices have hurt profits, causing some farmers to exit the sector. Although total exports are unchanged, exports to Mexico and Cuba have been growing the last few years.
- **Brazil** is projected down 150,000 tons to 600,000 due to a smaller crop and increased competition from neighboring exporters. Rice area is expected to continue to decline as farmers shift to more profitable crops such as corn and soybeans.
- **Paraguay** is forecast down 50,000 tons to 600,000 on a smaller crop. Though roughly 70 percent of exports are destined for Brazil, Paraguay has diversified its exports to more than 40 markets in 2018.
- **Guyana** is forecast up 10,000 tons to 510,000 on larger production and continued exports to newer markets such as Mexico.
- **Argentina** is forecast down 40,000 tons to 300,000 due to strong regional competition and tightening stocks.
- **Australia** is projected down 55,000 tons to only 20,000 as poor water availability severely cuts exportable supplies. Although traditionally a significant medium-grain exporter, Australia is forecast to be a net importer for the second consecutive year.

OVERVIEW FOR 2018/19

Global rice production is still forecast at a record, despite an adjustment this month for a smaller crop in Vietnam. Global stocks are forecast lower this month, but still 5 percent above 2017/18 as stocks in China continue to grow. Lower imports by China are reflected in lower exports by Vietnam.

RICE PRICES

Global: Export quotes from the Western Hemisphere flipped over the past month, with U.S. quotes decreasing to \$510/ton and Uruguayan quotes increasing to \$528/ton. U.S. sales and exports are expected to rise in the coming months amid plentiful supplies and more competitive prices. Western Hemisphere quotes continue to remain well above those from Asian suppliers. Thai prices were down slightly to \$399/ton, but persist above other Asian exporters amid a strong baht. In contrast, Vietnamese and Indian quotes rose to \$371 and \$375/ton, respectively. Pakistani quotes were the lowest at \$362/ton, reflecting ample supplies.



*Note on FOB prices: Thailand - 100B, India - 5%, Vietnam - 5%, Pakistan 5%, United States - #2/4 (long grain), Uruguay - 5%

Trade Changes in 2019 (1,000MT)

Country	Attribute	Previous	Current	Change	Reason
China	Imports	4,500	4,000	-500	Reduced purchases, particularly from Vietnam
Ghana	Imports	680	800	120	Rising per-capita consumption
Laos	Imports	40	200	160	Much smaller crop
Madagascar	Imports	300	400	100	Smaller forecast production
Philippines	Imports	2,600	2,800	200	Rapid purchases amid new import policies
Cambodia	Exports	1,200	1,300	100	Larger shipments to neighboring countries
Vietnam	Exports	7,000	6,500	-500	Lower shipments, particularly to China

COARSE GRAINS

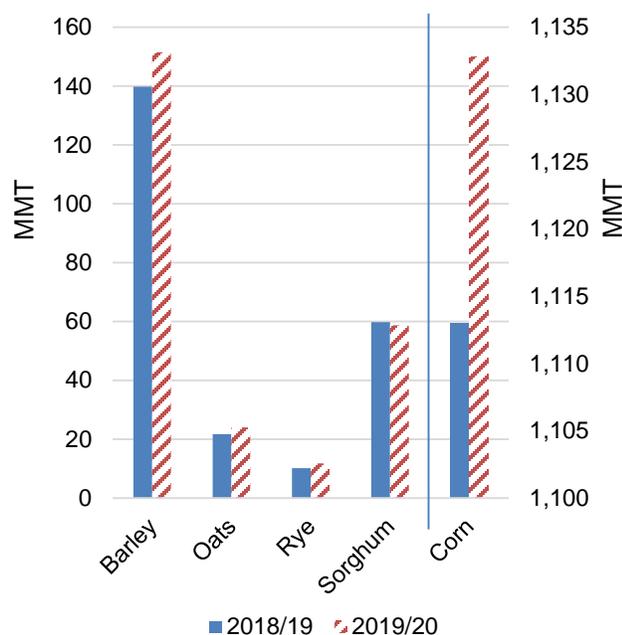
2019/20 OVERVIEW

Global coarse grain production is projected to rise, driven by corn, barley, oats, and rye.

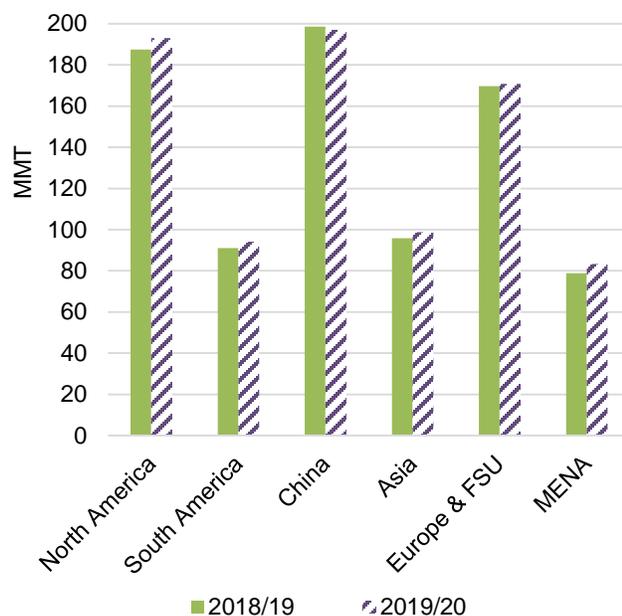
Global **corn** production is projected to expand, with record crops for **Argentina, Canada, Brazil, Egypt, India, and Indonesia**; and near-record crops for the **European Union and Ukraine**. For the **United States**, projected larger planted area in the March *Prospective Plantings* report and a trend yield are expected to result in a near-record crop. For other countries, area expands on expectations of favorable market prospects relative to other crop options. Global trade expands as importing countries seek competitively priced feedstuffs to satisfy rising needs. Consumption grows, outpacing production for the third year in a row, supported by feed demand for poultry sectors throughout the world. Moreover, stronger demand in **China** for processing boosts food, seed, and industrial usage at the global level. As a result, global ending stocks are projected to decline modestly.

Global **barley** production is projected to rise to its largest level since 2008/09 driven by **Canada, the European Union, Russia, and Ukraine**. The Canadian crop reaches its largest level in 6 years (since 2013/14) with expanded area, while production for the others returns to more historical levels. Global trade expands moderately, supported by stronger import demand primarily for **Morocco and Saudi Arabia**. The lack of rainfall in Morocco earlier in 2019 has impacted both barley and forage production. Saudi Arabia's concern over water availability favors wheat production over forage crops. Tighter supplies of forage in both countries are expected to boost barley imports. With only moderate growth in global consumption for food, seed, industrial, and feed use, ending stocks are projected to rebound after 2 years of decline.

Corn Leads Coarse Grains Production Expansion



Coarse Grain Feed Use Grows Across Regions, Except China



Asia: all countries in East, Southeast, and South Asia excluding China

Global **sorghum** production is projected down as a sharp decline in **the United States** more than offsets larger crops for **Australia, China, India, and Mexico**. The decline in the U.S. crop is driven by a smaller area, the lowest since 2011/12. Global trade is expected to fall moderately, reflecting weak demand in China and availabilities of other competing feed grains, namely corn and barley (and feed-quality wheat). Global ending stocks fall to the lowest level since 2006/07.

World oats production is also projected higher, with gains in **Australia, Canada, the European Union, and Russia**. Canada's production rises due to a decline in canola area and relatively favorable prices. Global consumption is forecast up led by the European Union. Global trade is projected larger with higher imports for China and the United States. Global ending stocks are forecast to rebound after hitting a historical low in 2018/19.

Selected Importers

- **China corn** is projected up 2.0 million tons to 7.0 million on expectations of stronger demand for competitively priced feedstuffs. Domestic corn prices in southern China have strengthened in recent months, while prices in the world market have declined on supply pressure. **Barley** imports rise 500,000 tons to 7.0 million on greater use for food, industrial, and feed purposes. **Sorghum** is projected at 700,000 tons, the same level as 2018/19, under the assumptions that the underlying commercial risks and retaliatory duty (25 percent) on U.S. sorghum limit trade prospects.
- **Egypt corn** is projected up 300,000 tons to 10.0 million with stronger feed demand for poultry, dairy, and aquaculture. Moreover, new feed mills have come onto operation in 2018/19 producing corn-based poultry and dairy feed.
- **European Union corn** is expected down 3.5 million tons to 20.0 million, reflecting abundant domestic supplies of corn, barley, and wheat for feed. Feed demand in the European Union is expected to be strong, supported by Chinese demand for pork imports. FSI corn use will see modest gains in biofuels, starch, and other industrial products.
- **Indonesia corn** is halved to 400,000 tons on expectations of a record crop. Feed use continues to grow steadily, and larger planted area and improvements in yield will push the country closer to realizing its goal of corn self-sufficiency.
- **Iran corn** is expected to rise 1.0 million tons to 10.5 million on growing feed demand. The country has been a key market for Brazil, Russia, and Ukraine.
- **Japan corn** is expected to rise 100,000 tons to 15.6 million on very modest growth in FSI use, mainly driven by the beverage sector. Feed demand is expected to remain flat.
- **Kenya corn** is projected up 1.1 million tons to 1.3 million to offset a substantially smaller crop. The import ban on biotech corn and preference for white corn limits potential purchases from neighboring countries and Mexico.

- **Mexico corn** is projected up 1.0 million tons to a record 18.5 million on growing feed demand for the poultry, swine, and cattle sectors. The country predominantly produces white corn, which is mainly used for food and exports, while importing yellow corn for feed use.
- **Morocco barley** is up 900,000 tons to 1.2 million reflecting a smaller crop impacted by the lack of rain during the growing season early in 2019. The harvest season for barley is May-July.
- **Saudi Arabia barley** is forecast up 900,000 tons to 8.5 million, while **corn** is expected to rise 500,000 tons to 5.5 million. With concerns over water availability, the country favors food crop (i.e. wheat) production over forage crops. Imported barley and corn substitute for limited supplies of forage in feed rations.
- **South Korea corn** is projected up 300,000 tons to a 10.5 million on modest growth in feed demand for the poultry and swine sectors.
- **Turkey corn** is expected to rise 500,000 tons to 2.7 million on growing feed demand. The feed sector has steadily expanded over the past 10 years and is expected to continue growing, driven by demand for ruminant and poultry feed. **Barley** is forecast down 200,000 tons to 100,000 with a projected record crop.
- **Vietnam corn** is up 500,000 tons at 10.5 million under expectations of growth in poultry and aquaculture feed use, more than offsetting uncertain prospects in the swine sector.

Selected Exporters

- **U.S. corn** is projected unchanged at 58.0 million on expectations of strong competition from Argentina, Brazil, and Ukraine, where exportable supplies are abundant. **Sorghum** is forecast down 100,000 tons to 2.5 million reflecting the current trade tensions with China and plentiful supplies of corn, the major competing feed grain.
- **Argentina corn** is projected to surge 4.0 million tons to a record 32.0 million on a record crop. Large exportable supplies and competitive prices bode well to meet rising demand for feed in the Middle East, North Africa, and Southeast Asia. **Barley** is projected down 400,000 tons to 2.7 million on smaller exportable supplies.
- **Australia barley** is forecast up 500,000 tons to 5.0 million on a larger crop and expected demand from Asia. **Oats** are forecast up 250,000 tons to 500,000 for the same reasons.
- **Brazil corn** rises 2.0 million tons to 34.0 million on projected record production and growing feed demand in developing countries. Even with record production, imports are expected at 1.0 million tons, the same level as a year earlier, particularly to southern states where swine and poultry production is concentrated but feed grain supplies are somewhat limited.

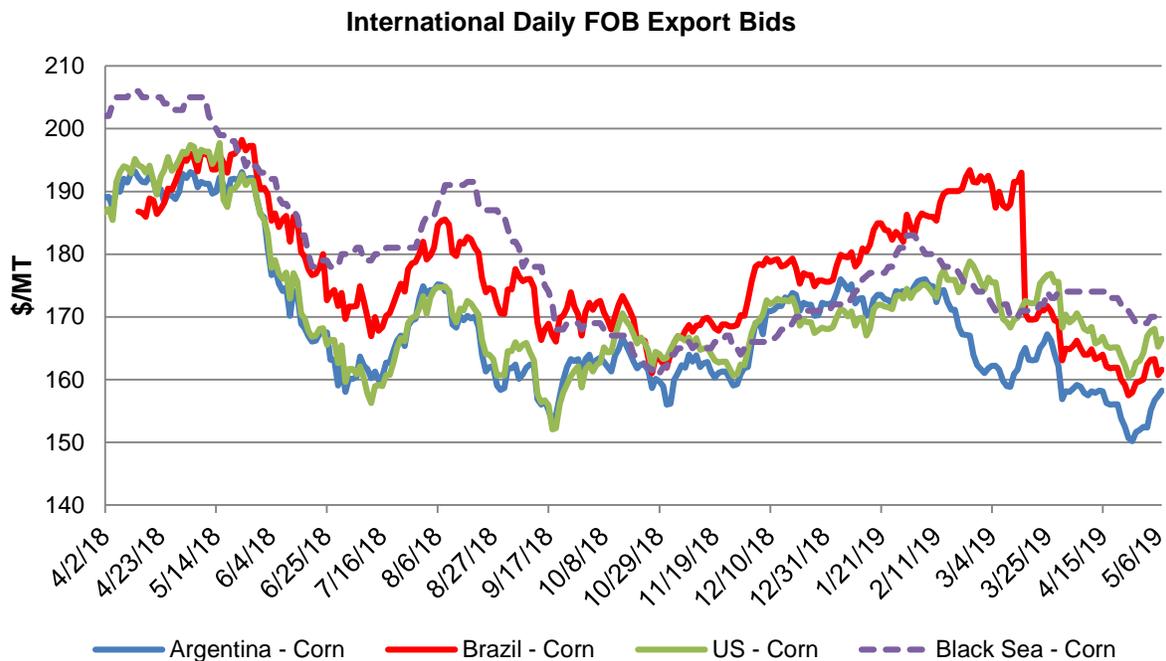
- **Canada corn** is forecast down 500,000 tons to 1.5 million, reflecting strong competition from major exporters, while imports are down sharply by 1.2 million tons to 1.0 million on record production. **Barley** is forecast down 200,000 tons to 2.0 million on stronger competition from other exporters, namely Australia, the European Union, and Russia. **Oats** are projected up 200,000 tons to 1.8 million supported by greater demand and relatively higher prices in the United States. About 90 percent of oats exports are typically destined to the United States.
- **European Union corn** is projected down 200,000 tons to 2.0 million. **Barley** is forecast up 1.0 million tons to 6.0 million reflecting near-record production and expectations for robust global demand in markets such as Saudi Arabia.
- **Russia corn** is forecast up 1.5 million tons to 4.5 million with expected robust demand from the Middle East, North Africa, and East Asia. **Barley** is forecast up 500,000 tons to 5.3 million with a larger expected crop. In addition, exports are supported by robust demand in the Middle East and East Asia and logistical advantages to supply the region.
- **Ukraine corn** is forecast down 2.5 million tons to 27.0 million on reduced exportable supplies. Ukraine is expected to be a key supplier to the European Union due to geographic proximity. **Barley** is projected up 300,000 tons to 4.5 million on larger crop prospects and higher demand in Saudi Arabia and other Middle Eastern markets.

OVERVIEW FOR 2018/19

Global corn production is up this month driven by larger crops primarily for Argentina, Brazil, Ethiopia, and Mali. Global trade is up with larger imports by Canada, the European Union, Mexico, and Peru more than offsetting a reduction for Vietnam. Exports are larger for Argentina and Brazil, reflecting abundant exportable supplies and competitive prices. The U.S. season-average farm price is down \$0.05 cents to \$3.50 per bushel.

CORN PRICES

Global: South American bids remained lower than last month, reflecting abundant exportable supplies. Argentine bids were down \$1/ton to \$158, while Brazilian bids were down \$4/ton to \$161 on favorable prospects for second-crop corn. Black Sea bids fell \$4/ton to \$170, pressured by ample global supplies despite steady demand from the European Union. U.S. bids fell \$5/ton to \$165 on abundant supplies from South America, although concerns over planting delays persist.



Source: IGC

TRADE CHANGES IN 2018/19 (1,000 MT)

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Corn	Exports	28,000	29,000	1,000	Larger crop and competitive prices
Brazil	Corn	Exports	31,000	32,000	1,000	Larger exportable supplies
Canada	Corn	Imports	1,700	2,200	500	Trade pace to date
China	Barley	Imports	7,500	6,500	-1,000	Reflects slowing purchases mainly from Australia
European Union	Corn	Exports	2,000	2,200	200	Trade to date
		Imports	22,500	23,500	1,000	Higher trade to date based on Customs surveillance data
	Barley	Exports	5,300	5,000	-300	Lower supplies and consistent domestic use
Jordan	Barley	Imports	600	900	300	Trade to date
Kenya	Corn	Imports	700	200	-500	Trade to date
Mexico	Corn	Imports	16,700	17,500	800	Stronger year-to-date sales from the United States
		Exports	1,000	800	-200	Slow pace mainly to Venezuela
Moldova	Corn	Exports	700	500	-200	Trade pace to date
Peru	Corn	Imports	3,400	3,600	200	Larger sales from the United States
United States	Corn	Imports	1,100	850	-250	Trade to date
	Sorghum	Exports	2,600	2,300	-300	Trade to date
Venezuela	Corn	Imports	1,200	1000	-200	Slowing pace from Mexico
Vietnam	Corn	Imports	11,000	10,000	-1,000	Trade pace to date, per Vietnam Customs data

ENDNOTES

REGIONAL TABLES

North America: Canada, Mexico, the United States

Central America: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama

Caribbean: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, British Virgin Islands, Cayman Islands, Cuba, Dominica, Dominican Republic, French West Indies, Grenada, Guadeloupe, Haiti, Jamaica and Dep, Leeward-Windward Islands, Martinique, Montserrat, Netherlands Antilles, Puerto Rico, Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, Turks and Caicos Islands, U.S. Virgin Islands

South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Falkland Islands (Islas Malvinas), French Guiana, 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, Sweden, United Kingdom

Other Europe: Albania, Azores, Bosnia and Herzegovina, Former Yugoslavia, Gibraltar, Iceland, Macedonia, Montenegro, Norway, Serbia, Switzerland

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, Maldives

Southeast Asia: Brunei, Burma, Cambodia, Indonesia, Laos, Malaysia, Philippines, Singapore, Thailand, Vietnam

Oceania: Australia, Fiji, New Zealand, Papua New Guinea

OTHER NOTES

Local Marketing Years (LMY): LMY 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 LMY for that commodity (2016/17 starts in 2016); except for summer grains in certain Southern Hemisphere countries and for rice in selected countries, where the second year begins the LMY (2016/17 starts in 2017). Key exporter LMY'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)	China (Oct/Sep)	European Union (Jul/Jun)	United States (Sep/Aug)
China (Jul/Jun)	South Africa (May/Apr)	Russia (Jul/Jun)	
European Union (Jul/Jun)	United States (Sep/Aug)	Ukraine (Jul/Jun)	
India (Apr/Mar)		United States (Jun/May)	
Kazakhstan (Jul/Jun)			
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.

EU Consolidation: The trade figures starting from 1999/00 represent the European Union (Croatia plus the former EU-27) 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, flour, and selected pasta products on a grain equivalent basis. (2) Rice trade statistics include rough, brown, milled, and broken on a milled equivalent basis. (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, Office of Global Analysis, Foreign Agricultural Service, USDA, Washington, DC 20250, prepared this circular. 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 2019. This circular is available in its entirety on the Internet via the Foreign Agricultural Service Home Page. The address is: <http://www.fas.usda.gov>

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DATA TABLES

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All Grain Summary Comparison
Million Metric Tons

Marketing Year	Wheat			Rice, Milled			Corn			
	2017/18	2018/19	2019/20	2017/18	2018/19	2019/20	2017/18	2018/19	2019/20	
Production										
United States	(Jun-May)	47.4	51.3	51.6	5.7	7.1	6.9	371.1	366.3	381.8
Other		714.8	680.3	725.9	489.3	492.8	491.5	706.8	752.7	752.0
World Total		762.2	731.6	777.5	495.0	499.9	498.4	1,077.9	1,119.0	1,133.8
Domestic Consumption										
United States	(Jun-May)	29.4	29.2	30.6	4.3	4.3	4.4	314.0	309.9	315.0
Other		711.7	705.9	723.9	478.0	485.2	489.1	777.3	816.1	825.5
World Total		741.1	735.1	754.5	482.3	489.5	493.5	1,091.3	1,126.0	1,140.5
Ending Stocks										
United States	(Jun-May)	29.9	30.7	31.0	0.9	1.7	1.9	54.4	53.2	63.1
Other		251.4	244.3	262.0	161.2	168.2	170.3	284.9	272.7	251.6
World Total		281.3	275.0	293.0	162.1	169.9	172.2	339.3	325.9	314.7
TY Imports										
United States	(Jun-May)	4.4	3.8	3.8	0.9	0.9	0.9	0.8	0.9	0.9
Other		174.8	171.3	175.8	44.7	43.4	44.1	148.5	162.7	166.1
World Total		179.2	175.1	179.6	45.6	44.3	45.0	149.3	163.6	167.0
TY Exports										
United States	(Jun-May)	23.1	26.3	23.5	2.8	3.1	3.3	63.6	58.0	58.0
Other		159.9	151.7	160.1	44.7	43.8	44.7	88.5	110.0	113.3
World Total		183.0	178.0	183.6	47.5	46.9	48.0	152.1	168.0	171.3

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

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
TY Exports						
Argentina	4,200	8,750	12,275	13,945	13,000	14,000
Australia	16,575	15,780	22,061	15,512	10,000	13,500
Canada	24,883	22,118	20,235	21,989	24,000	24,000
China	803	729	748	1,000	1,200	1,300
European Union	35,455	34,760	27,439	23,289	24,000	27,000
Kazakhstan	5,507	7,600	7,250	8,600	8,500	7,500
Russia	22,800	25,543	27,809	41,419	37,000	36,000
Serbia	593	907	1,077	840	1,300	1,300
Turkey	4,135	5,605	6,177	6,218	6,300	6,500
Ukraine	11,269	17,431	18,107	17,775	16,500	19,000
Others	12,716	10,918	9,768	9,343	9,886	10,001
Subtotal	138,936	150,141	152,946	159,930	151,686	160,101
United States	23,023	21,817	29,319	23,067	26,300	23,500
World Total	161,959	171,958	182,265	182,997	177,986	183,601
TY Imports						
Afghanistan	2,000	2,700	2,700	3,300	3,700	3,000
Algeria	7,257	8,153	8,414	8,172	7,000	7,000
Bangladesh	3,929	4,720	5,556	6,150	5,000	6,500
Brazil	5,869	5,922	7,788	6,702	7,500	7,500
China	1,926	3,476	4,410	4,000	3,500	3,500
Colombia	1,627	2,032	2,110	1,957	1,800	2,000
Egypt	11,300	11,925	11,175	12,407	12,500	12,500
European Union	5,977	6,928	5,299	5,824	5,800	5,500
Indonesia	7,477	10,045	10,176	10,516	11,000	11,500
Iraq	2,253	2,218	2,446	4,108	4,300	3,300
Japan	5,878	5,715	5,911	5,876	5,800	5,900
Kenya	1,507	1,634	1,774	2,157	2,100	2,400
Korea, South	3,942	4,420	4,667	4,269	4,000	4,100
Mexico	4,471	4,805	5,370	5,245	5,300	5,500
Morocco	4,171	4,496	5,344	3,672	4,000	4,800
Nigeria	4,244	4,410	4,972	5,085	5,000	5,300
Peru	1,922	1,879	1,961	2,030	2,050	2,100
Philippines	5,054	4,918	5,704	5,987	7,000	7,000
Saudi Arabia	3,499	2,931	3,716	3,440	3,000	3,200
Sudan	2,632	2,021	2,458	2,578	2,500	2,700
Thailand	3,492	4,872	3,689	3,098	3,000	3,100
Turkey	5,902	3,979	4,553	5,916	5,500	5,500
Uzbekistan	2,230	2,662	2,596	3,119	3,200	3,100
Vietnam	2,292	3,070	5,535	4,655	4,000	4,500
Yemen	3,245	3,332	3,278	3,009	3,200	3,300
Others	50,785	51,877	54,202	51,520	49,591	51,026
Subtotal	154,881	165,140	175,804	174,792	171,341	175,826
Unaccounted	3,089	3,761	3,167	3,847	2,895	3,975
United States	3,989	3,057	3,294	4,358	3,750	3,800
World Total	161,959	171,958	182,265	182,997	177,986	183,601

TY=Trade Year, see Endnotes.

World Wheat Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 Mav
Production						
Argentina	13,930	11,300	18,400	18,500	19,500	20,000
Australia	23,743	22,275	31,819	21,300	17,300	22,500
Brazil	6,000	5,540	6,730	4,264	5,428	5,500
Canada	29,442	27,647	32,140	29,984	31,800	34,500
China	128,321	132,639	133,271	134,334	131,430	132,000
Egypt	8,300	8,100	8,100	8,450	8,450	8,770
European Union	156,912	160,480	145,369	151,141	137,219	153,800
India	95,850	86,530	87,000	98,510	99,700	100,000
Iran	13,000	14,500	14,500	14,000	14,500	16,800
Kazakhstan	12,996	13,748	14,985	14,802	13,947	13,800
Pakistan	25,979	25,086	25,633	26,600	25,100	25,600
Russia	59,080	61,044	72,529	85,167	71,685	77,000
Turkey	15,250	19,500	17,250	21,000	19,000	21,000
Ukraine	24,750	27,274	26,791	26,981	25,057	29,000
Uzbekistan	7,150	6,965	6,940	6,900	6,000	6,800
Others	54,556	59,419	52,019	52,928	54,147	58,795
Subtotal	675,259	682,047	693,476	714,861	680,263	725,865
United States	55,147	56,117	62,832	47,380	51,287	51,624
World Total	730,406	738,164	756,308	762,241	731,550	777,489
Total Consumption						
Algeria	10,050	10,250	10,350	10,450	10,650	10,750
Brazil	10,700	11,100	12,200	12,000	12,100	12,200
Canada	9,118	7,969	10,803	9,416	9,300	9,500
China	117,500	117,500	119,000	121,000	125,000	128,000
Egypt	19,100	19,200	19,400	19,800	20,100	20,400
European Union	124,677	129,850	128,000	130,400	123,100	128,000
India	93,102	88,551	97,120	95,834	95,000	97,000
Indonesia	7,365	9,100	10,000	10,600	10,700	11,200
Iran	16,400	16,100	16,250	15,900	16,100	16,400
Morocco	9,100	9,800	10,200	10,500	10,700	10,800
Pakistan	24,500	24,400	24,500	25,000	25,300	25,400
Russia	35,500	37,000	40,000	43,000	40,500	40,500
Turkey	17,500	18,000	17,400	18,000	18,000	18,300
Ukraine	11,500	12,200	10,300	9,800	8,800	9,900
Uzbekistan	8,900	9,350	9,300	9,700	9,700	10,000
Others	154,168	160,831	168,115	170,295	170,903	175,586
Subtotal	674,026	684,230	707,129	713,653	708,712	728,895
United States	31,328	31,944	31,863	29,364	29,162	30,563
World Total	705,354	716,174	738,992	743,017	737,874	759,458
Ending Stocks						
Canada	7,101	5,178	6,856	5,920	4,870	6,320
China	79,110	96,996	114,929	131,263	139,993	146,193
European Union	12,692	15,490	10,719	13,995	9,914	14,214
India	17,220	14,540	9,800	13,203	17,503	20,053
Iran	9,466	11,166	10,416	8,066	6,316	6,216
Russia	6,287	5,607	10,830	12,043	6,728	7,728
Turkey	3,079	3,100	1,289	4,138	4,338	6,038
Others	67,345	66,138	65,113	62,772	54,653	55,207
Subtotal	202,300	218,215	229,952	251,400	244,315	261,969
United States	20,477	26,552	32,131	29,907	30,668	31,045
World Total	222,777	244,767	262,083	281,307	274,983	293,014

Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	May 2019/20
TY Imports						
North America	9,004	8,373	9,167	10,048	9,500	9,750
Central America	1,834	1,834	1,993	1,909	1,965	2,025
South America	13,217	13,437	16,277	15,321	15,520	15,980
European Union - 28	5,977	6,928	5,299	5,824	5,800	5,500
Other Europe	1,760	1,838	1,986	1,888	2,055	1,910
Former Soviet Union - 12	7,678	7,402	7,243	8,227	8,655	8,445
Middle East	26,870	24,073	22,784	24,964	23,980	23,325
North Africa	25,515	27,866	28,426	27,441	26,800	27,400
Sub-Saharan Africa	20,936	22,767	22,092	25,315	24,670	26,590
East Asia	14,114	16,226	17,355	16,604	15,550	15,850
South Asia	8,164	8,823	15,469	11,408	9,706	10,606
Southeast Asia	20,576	25,483	27,750	26,744	27,600	28,835
Others	3,225	3,147	3,257	3,457	3,290	3,410
Total	158,870	168,197	179,098	179,150	175,091	179,626
Production						
North America	88,259	87,475	98,837	80,858	86,087	89,324
South America	24,581	21,601	28,819	25,699	28,939	29,416
European Union - 28	156,912	160,480	145,369	151,141	137,219	153,800
Other Europe	4,068	4,324	4,737	4,005	4,969	4,545
Former Soviet Union - 12	112,380	117,674	129,997	142,266	124,725	135,315
Middle East	35,450	42,406	38,814	41,560	38,875	48,260
North Africa	17,029	19,987	13,958	19,245	21,000	18,870
Sub-Saharan Africa	7,396	7,694	7,743	7,718	7,972	8,045
East Asia	129,837	133,972	134,738	135,645	132,757	133,397
South Asia	130,150	119,663	120,837	132,263	131,206	133,506
Oceania	24,157	22,689	32,278	21,705	17,670	22,910
Others	187	199	181	136	131	101
Total	730,406	738,164	756,308	762,241	731,550	777,489
Domestic Consumption						
North America	47,296	46,913	50,566	46,480	46,162	47,763
South America	27,065	27,715	28,645	28,713	28,760	29,280
European Union - 28	124,677	129,850	128,000	130,400	123,100	128,000
Other Europe	4,845	4,910	5,025	5,010	5,145	5,145
Former Soviet Union - 12	74,985	77,700	78,550	81,650	77,870	79,595
Middle East	57,305	58,397	58,561	59,443	59,375	61,545
North Africa	42,826	43,666	44,550	45,225	46,075	46,650
Sub-Saharan Africa	27,079	29,084	29,725	31,916	32,009	33,334
East Asia	130,597	130,782	132,915	134,516	138,047	141,185
South Asia	132,399	128,915	139,220	138,644	137,547	140,267
Southeast Asia	19,295	23,131	26,375	26,335	26,615	27,850
Oceania	8,565	8,500	8,835	8,905	10,655	9,990
Others	3,574	3,582	3,834	3,822	3,755	3,895
Total	700,508	713,145	734,801	741,059	735,115	754,499
Ending Stocks						
North America	28,290	32,390	39,863	36,595	36,206	38,033
South America	8,369	3,983	4,717	3,998	4,136	4,461
European Union - 28	12,692	15,490	10,719	13,995	9,914	14,214
Other Europe	1,347	1,597	1,938	1,841	2,265	2,120
Former Soviet Union - 12	20,656	16,750	21,014	20,729	13,214	13,854
Middle East	20,356	22,633	19,599	19,796	16,441	19,261
North Africa	13,352	16,746	14,149	14,788	15,818	14,753
Sub-Saharan Africa	3,044	3,829	2,992	3,271	2,909	3,205
East Asia	82,222	100,358	118,154	134,195	142,555	148,607
South Asia	23,109	21,026	16,656	20,268	21,548	24,003
Southeast Asia	3,921	5,414	5,846	5,233	5,188	5,108
Oceania	4,974	4,133	5,998	6,202	4,407	5,007
Others	445	418	438	396	382	388
Total	222,777	244,767	262,083	281,307	274,983	293,014

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

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
TY Exports						
Argentina	310	527	391	291	340	300
Brazil	895	641	594	1,245	750	600
Burma	1,735	1,300	3,350	2,750	2,800	2,800
Cambodia	1,150	1,050	1,150	1,300	1,300	1,300
China	262	368	1,173	2,058	2,500	3,200
European Union	251	270	369	309	300	300
Guyana	486	431	455	414	500	510
India	11,046	10,062	12,573	11,791	12,000	12,500
Pakistan	4,000	4,100	3,647	3,913	4,000	4,000
Paraguay	371	557	537	650	650	600
Russia	163	198	175	139	150	140
South Africa	120	145	109	113	125	125
Thailand	9,779	9,867	11,615	11,056	10,000	10,000
Uruguay	718	996	982	799	800	800
Vietnam	6,606	5,088	6,488	6,590	6,500	6,500
Others	1,471	1,264	1,159	1,356	1,090	981
Subtotal	39,363	36,864	44,767	44,774	43,805	44,656
United States	3,381	3,355	3,349	2,763	3,050	3,300
World Total	42,744	40,219	48,116	47,537	46,855	47,956
TY Imports						
Angola	450	470	450	490	500	500
Benin	400	450	550	625	700	725
Brazil	363	786	758	537	750	800
Burkina	350	420	500	550	600	620
Cameroon	500	500	600	650	700	725
China	5,150	4,600	5,900	4,500	4,000	4,000
Cote d'Ivoire	1,150	1,300	1,350	1,500	1,600	1,600
European Union	1,786	1,816	1,985	1,919	2,000	2,000
Ghana	580	700	650	830	800	800
Guinea	420	650	600	865	850	900
Iran	1,300	1,100	1,400	1,250	1,200	1,200
Iraq	1,000	930	1,060	1,200	1,300	1,350
Japan	688	685	679	670	685	685
Kenya	450	500	675	700	750	800
Malaysia	1,051	823	900	800	1,000	1,000
Mexico	719	731	913	776	815	785
Mozambique	575	625	710	550	675	700
Nepal	530	530	535	700	750	800
Nigeria	2,100	2,100	2,500	2,100	2,200	2,400
Philippines	2,000	800	1,200	2,500	2,800	2,700
Saudi Arabia	1,601	1,260	1,195	1,300	1,350	1,375
Senegal	990	980	1,100	1,100	1,250	1,300
South Africa	912	954	1,054	1,071	1,100	1,050
United Arab Emirates	580	670	700	775	850	925
Venezuela	500	400	330	632	530	530
Others	13,248	12,115	15,808	16,117	13,650	13,863
Subtotal	39,393	36,895	44,102	44,707	43,405	44,133
Unaccounted	2,594	2,557	3,227	1,914	2,550	2,923
United States	757	767	787	916	900	900
World Total	42,744	40,219	48,116	47,537	46,855	47,956

TY=Trade Year, see Endnotes. Note about dates: 2017/18 is calendar year 2018, 2016/17 is calendar year 2017, and so on.

World Rice Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 Mav
Milled Production						
Bangladesh	34,500	34,500	34,578	32,650	35,000	35,300
Brazil	8,465	7,210	8,383	8,204	7,480	7,344
Burma	12,600	12,160	12,650	13,200	13,100	13,300
Cambodia	4,925	4,931	5,256	5,554	5,633	5,688
China	146,726	148,499	147,766	148,873	148,490	146,000
India	105,482	104,408	109,698	112,910	116,000	115,000
Indonesia	35,560	36,200	36,858	37,000	37,100	37,400
Japan	8,079	7,876	7,929	7,787	7,650	7,700
Korea, South	4,241	4,327	4,197	3,972	3,868	3,880
Nepal	3,190	2,863	3,480	3,310	3,530	3,530
Nigeria	3,782	3,941	4,410	4,662	4,788	4,900
Pakistan	7,003	6,802	6,849	7,500	7,400	7,500
Philippines	11,914	11,008	11,686	12,235	12,000	12,200
Thailand	18,750	15,800	19,200	20,577	20,715	21,100
Vietnam	28,166	27,584	27,400	27,657	27,711	28,000
Others	41,862	41,804	43,658	43,277	42,305	42,653
Subtotal	475,245	469,913	483,998	489,368	492,770	491,495
United States	7,106	6,131	7,117	5,659	7,119	6,928
World Total	482,351	476,044	491,115	495,027	499,889	498,423
Consumption and Residual						
Bangladesh	35,100	35,100	35,000	35,200	35,500	35,600
Brazil	7,925	7,900	7,950	7,750	7,700	7,650
Burma	10,500	10,400	10,000	10,200	10,250	10,400
Cambodia	3,900	3,900	4,000	4,200	4,300	4,400
China	141,000	141,028	141,761	142,487	144,290	145,000
Egypt	4,000	3,900	4,300	4,200	4,000	3,800
India	98,244	93,451	95,838	98,819	101,100	102,000
Indonesia	38,300	37,850	37,800	38,100	38,100	38,000
Japan	8,830	8,806	8,730	8,600	8,556	8,480
Korea, South	4,197	4,212	4,435	4,746	4,712	4,500
Nepal	3,770	3,353	4,010	3,980	4,230	4,280
Nigeria	6,100	6,400	6,700	7,100	7,200	7,300
Philippines	13,000	12,900	12,900	13,250	13,900	14,450
Thailand	10,000	9,100	12,000	11,000	10,800	10,900
Vietnam	22,000	22,500	22,000	21,500	21,500	22,000
Others	61,653	62,236	65,701	66,892	69,081	70,285
Subtotal	470,628	465,169	479,612	478,282	487,744	491,681
United States	4,284	3,578	4,230	4,300	4,286	4,445
World Total	474,912	468,747	483,842	482,582	492,030	496,126
Ending Stocks						
Bangladesh	1,592	1,205	854	1,500	1,346	1,246
China	76,000	88,000	98,500	109,000	115,000	117,000
India	17,800	18,400	20,550	22,600	25,000	25,500
Indonesia	4,111	3,509	2,915	4,163	3,661	3,558
Japan	2,821	2,552	2,410	2,228	1,949	1,794
Philippines	2,409	2,117	2,003	2,288	3,388	3,838
Thailand	11,270	8,403	4,238	3,009	3,174	3,624
Others	17,493	16,684	16,686	16,342	14,702	13,792
Subtotal	133,496	140,870	148,156	161,130	168,220	170,352
United States	1,552	1,475	1,462	933	1,702	1,867
World Total	135,048	142,345	149,618	162,063	169,922	172,219

Note: All data are reported on a milled basis.

Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	May 2019/20
TY Imports						
North America	1,838	1,854	2,056	2,082	2,095	2,070
Caribbean	1,154	1,109	1,153	1,068	1,135	1,157
South America	1,686	2,015	1,900	1,969	1,990	2,099
Other Europe	128	138	124	111	130	130
Former Soviet Union - 12	569	454	538	549	580	575
Middle East	6,464	5,686	6,234	6,454	6,525	6,765
North Africa	396	483	459	617	870	885
Sub-Saharan Africa	11,326	12,181	14,443	14,508	15,485	16,065
East Asia	6,686	6,097	7,487	6,024	5,610	5,625
South Asia	1,693	945	4,057	2,635	1,420	1,410
Southeast Asia	5,677	3,933	3,676	6,819	5,560	5,280
European Union	1,786	1,816	1,985	1,919	2,000	2,000
Total	40,150	37,662	44,889	45,623	44,305	45,033
Production						
North America	7,285	6,287	7,292	5,842	7,309	7,128
Caribbean	1,036	851	989	932	963	918
South America	16,851	15,763	16,790	16,833	15,908	15,763
European Union - 28	1,954	2,050	2,087	2,007	1,941	2,013
Former Soviet Union - 12	1,180	1,257	1,259	1,225	1,259	1,265
Middle East	2,245	2,160	2,549	2,743	2,623	2,633
North Africa	4,553	4,044	4,837	4,340	2,844	3,039
Sub-Saharan Africa	15,311	16,129	17,588	17,384	18,455	18,433
East Asia	161,882	163,098	162,710	163,567	162,789	160,316
South Asia	153,259	152,133	156,871	158,946	165,232	164,550
Southeast Asia	115,591	111,409	116,821	120,044	119,765	121,564
Total	482,351	476,044	491,115	495,027	499,889	498,423
Domestic Consumption						
North America	5,517	4,805	5,499	5,538	5,548	5,726
Central America	1,196	1,278	1,296	1,311	1,361	1,386
Caribbean	2,029	1,980	2,079	1,957	2,053	2,045
South America	15,007	15,015	15,019	15,150	15,226	15,175
European Union - 28	3,400	3,550	3,600	3,700	3,760	3,750
Former Soviet Union - 12	1,486	1,495	1,566	1,599	1,624	1,640
Middle East	9,000	8,352	8,669	9,109	9,210	9,490
North Africa	4,407	4,279	4,724	4,630	4,429	4,224
Sub-Saharan Africa	27,082	28,114	30,773	31,557	33,202	33,988
East Asia	157,296	156,852	158,111	158,926	160,713	161,150
South Asia	143,183	138,570	141,556	144,857	147,892	149,120
Southeast Asia	102,642	101,770	103,895	103,438	103,931	105,276
Total	472,803	466,614	477,355	482,324	489,505	493,490
Ending Stocks						
North America	1,717	1,602	1,634	1,129	1,923	2,068
Central America	219	318	348	312	301	283
Caribbean	288	277	330	363	368	388
South America	2,222	1,703	1,845	1,818	1,530	1,363
European Union - 28	1,151	1,183	1,192	1,154	1,035	998
Middle East	1,742	1,082	1,129	1,129	1,042	925
North Africa	924	924	1,426	1,563	843	533
Sub-Saharan Africa	3,317	2,814	3,090	2,770	2,738	2,748
East Asia	80,483	92,626	103,262	113,393	118,718	120,344
South Asia	21,531	21,576	23,171	25,840	28,091	28,376
Southeast Asia	21,035	17,991	11,816	12,239	13,131	14,016
Oceania	223	77	208	217	62	27
Total	135,048	142,345	149,618	162,063	169,922	172,219

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

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
TY Exports						
Argentina	21,003	25,291	26,105	27,096	32,205	34,805
Australia	7,286	6,389	10,258	7,162	5,425	6,175
Brazil	21,954	35,415	19,797	25,147	32,045	34,010
Canada	3,604	4,693	5,042	5,753	5,930	5,460
European Union	15,068	10,979	8,192	7,828	7,555	8,355
Kazakhstan	508	851	859	1,459	2,060	1,970
Paraguay	3,031	2,663	1,767	1,481	2,215	2,015
Russia	9,155	8,465	9,258	11,379	8,190	10,090
Serbia	3,001	1,593	2,447	876	2,785	2,070
Ukraine	24,208	21,456	26,868	21,400	33,925	31,685
Others	8,636	7,944	9,343	10,244	7,990	8,995
Subtotal	117,454	125,739	119,936	119,825	140,325	145,630
United States	56,419	59,230	61,788	68,734	60,435	60,605
World Total	173,873	184,969	181,724	188,559	200,760	206,235
TY Imports						
Algeria	4,863	5,224	4,533	4,492	4,675	4,620
Bangladesh	485	1,036	1,181	1,145	1,600	1,800
Brazil	1,023	2,123	3,177	1,527	1,650	1,650
Chile	1,707	1,721	1,580	1,976	2,430	2,620
China	25,699	17,499	16,055	16,425	12,350	15,050
Colombia	4,747	4,824	5,013	5,394	5,755	6,005
Dominican Republic	1,202	1,351	1,294	1,329	1,500	1,500
Egypt	7,938	8,795	8,795	9,541	9,730	10,020
European Union	9,408	14,490	15,633	19,323	25,005	21,005
Guatemala	881	1,027	951	1,091	1,300	1,400
Iran	8,000	8,300	10,000	11,600	12,500	13,500
Israel	1,601	1,509	1,940	2,145	2,005	2,340
Japan	16,726	17,073	17,000	17,580	17,270	17,370
Jordan	1,448	1,713	1,588	1,428	1,700	1,750
Kenya	717	258	1,146	1,041	350	1,450
Korea, South	10,274	10,213	9,308	10,192	10,375	10,655
Malaysia	3,243	4,122	3,531	3,645	4,000	4,100
Mexico	11,640	14,827	15,283	16,396	18,110	19,010
Morocco	2,217	3,182	2,632	2,648	3,102	4,202
Peru	2,863	3,083	3,438	3,458	3,737	3,760
Saudi Arabia	11,115	13,992	11,825	11,692	12,610	14,010
Taiwan	3,938	4,781	4,267	4,513	4,200	4,200
Tunisia	1,525	1,713	1,745	1,635	1,750	1,600
Turkey	2,719	713	1,712	3,318	2,505	2,805
Vietnam	6,852	8,179	8,661	9,577	10,125	10,650
Others	23,397	24,252	22,283	19,643	22,727	20,540
Subtotal	166,228	176,000	174,571	182,754	193,061	197,612
Unaccounted	4,350	4,988	3,739	2,879	4,958	5,623
United States	3,295	3,981	3,414	2,926	2,741	3,000
World Total	173,873	184,969	181,724	188,559	200,760	206,235

TY=Trade Year, see Endnotes.

World Coarse Grains Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 Mav
Production						
Argentina	36,782	38,439	48,569	39,320	56,924	56,559
Australia	12,614	12,550	17,267	11,907	10,894	12,746
Brazil	87,671	68,649	101,575	85,058	103,435	104,457
Canada	22,107	25,769	26,623	26,243	26,240	29,760
China	256,523	271,932	271,163	266,821	265,405	262,475
Ethiopia	14,442	15,731	15,641	15,926	16,500	16,300
European Union	170,670	152,665	152,829	152,308	147,146	157,825
India	43,076	38,701	43,470	46,970	42,720	46,650
Indonesia	9,000	10,500	10,900	11,900	12,600	13,300
Mexico	32,689	32,378	33,262	33,191	32,499	33,100
Nigeria	18,341	19,052	19,524	19,439	19,919	19,900
Russia	40,386	37,427	40,765	41,715	34,998	38,400
South Africa	11,079	8,658	18,117	13,552	11,631	14,548
Turkey	9,311	14,181	10,776	12,271	13,651	14,551
Ukraine	39,389	33,387	39,217	34,071	44,503	43,100
Others	164,855	154,927	168,482	162,874	173,545	167,783
Subtotal	968,935	934,946	1,018,180	973,566	1,012,610	1,031,454
United States	377,279	367,007	402,607	384,387	379,920	394,222
World Total	1,346,214	1,301,953	1,420,787	1,357,953	1,392,530	1,425,676
Domestic Consumption						
Argentina	14,232	14,221	16,044	17,463	18,458	19,939
Brazil	60,009	59,823	64,032	68,181	70,543	73,552
Canada	21,299	20,909	21,971	23,230	23,595	24,360
China	232,709	250,370	276,098	284,150	290,650	295,450
Egypt	14,832	15,803	16,027	16,779	17,138	17,838
Ethiopia	13,680	15,715	15,642	16,153	16,375	16,575
European Union	162,655	157,150	160,840	162,570	167,970	168,320
India	40,474	40,201	42,375	44,869	44,465	46,615
Iran	12,020	14,020	14,520	15,820	16,720	17,720
Japan	16,876	17,258	17,252	17,746	17,514	17,611
Mexico	42,175	44,715	46,845	48,410	50,255	51,990
Nigeria	18,132	18,990	19,803	19,550	20,169	20,200
Russia	31,139	29,715	32,075	31,015	27,267	27,950
Turkey	12,951	14,021	12,891	15,231	16,161	16,961
Vietnam	9,452	12,279	13,050	13,677	14,125	14,550
Others	251,053	249,647	259,830	258,428	268,492	271,018
Subtotal	969,774	957,263	1,055,340	1,051,860	1,086,430	1,106,387
United States	311,384	312,597	327,518	324,277	322,756	327,383
World Total	1,281,158	1,269,860	1,382,858	1,376,137	1,409,186	1,433,770
Ending Stocks						
Argentina	4,274	3,268	6,698	3,558	7,224	8,544
Brazil	8,235	7,010	14,492	7,705	10,152	8,647
Canada	3,513	4,971	5,562	4,567	3,522	4,494
China	174,300	213,334	224,343	223,377	210,422	192,437
European Union	18,822	15,651	15,114	16,336	12,962	15,117
Iran	3,451	2,120	1,515	2,138	1,938	2,738
Mexico	4,832	5,835	5,999	6,181	5,735	4,355
Others	52,153	48,320	50,659	46,585	42,581	40,562
Subtotal	269,580	300,509	324,382	310,447	294,536	276,894
United States	46,948	48,112	62,168	57,919	57,174	66,722
World Total	316,528	348,621	386,550	368,366	351,710	343,616

Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	May 2019/20
TY Imports						
North America	16,658	19,914	19,475	21,159	23,111	23,042
Central America	3,456	3,938	3,799	4,001	4,450	4,550
Caribbean	2,444	2,597	2,659	2,446	2,940	2,940
South America	13,355	13,855	15,059	14,581	15,227	15,870
European Union - 28	9,408	14,490	15,633	19,323	25,005	21,005
Former Soviet Union - 12	743	546	827	683	837	1,028
Middle East	27,608	29,734	30,541	33,567	34,701	37,666
North Africa	18,228	20,819	19,468	19,246	20,857	21,642
Sub-Saharan Africa	4,083	6,057	6,667	3,512	3,806	4,836
East Asia	56,684	49,600	46,723	48,757	44,245	47,325
Southeast Asia	14,886	15,395	14,169	15,529	16,665	16,690
Others	1,970	3,036	2,965	2,876	3,958	4,018
Total	169,523	179,981	177,985	185,680	195,802	200,612
Production						
North America	432,075	425,154	462,492	443,821	438,659	457,082
South America	139,743	122,016	163,989	138,658	174,928	175,504
European Union - 28	170,670	152,665	152,829	152,308	147,146	157,825
Other Europe	10,960	9,294	11,535	7,245	10,207	10,084
Former Soviet Union - 12	92,077	82,805	92,908	88,922	93,997	95,238
Middle East	17,036	21,738	19,047	19,400	19,987	23,564
North Africa	10,989	10,514	11,940	9,617	12,813	12,134
Sub-Saharan Africa	109,848	102,981	118,766	116,365	118,577	113,415
East Asia	259,203	274,664	273,803	269,483	268,117	265,192
South Asia	54,649	50,627	56,499	60,085	56,408	60,572
Southeast Asia	30,949	31,988	34,006	34,636	35,453	36,973
Oceania	13,292	13,242	17,884	12,416	11,484	13,369
Others	4,723	4,265	5,089	4,997	4,754	4,724
Total	1,346,214	1,301,953	1,420,787	1,357,953	1,392,530	1,425,676
Domestic Consumption						
North America	374,858	378,221	396,334	395,917	396,606	403,733
South America	98,735	98,450	103,717	111,174	114,836	119,974
European Union - 28	162,655	157,150	160,840	162,570	167,970	168,320
Other Europe	8,380	8,576	9,055	7,908	8,159	8,488
Former Soviet Union - 12	58,573	53,652	56,546	54,696	50,963	52,196
Middle East	45,556	51,831	51,015	53,349	55,357	59,356
North Africa	30,180	31,431	31,840	30,765	32,723	33,495
Sub-Saharan Africa	109,576	108,359	117,239	116,329	122,626	118,560
East Asia	266,489	284,746	309,552	318,935	325,617	330,794
South Asia	52,617	53,841	56,559	60,535	60,511	63,164
Southeast Asia	41,253	44,038	45,979	47,407	48,645	50,070
Oceania	5,855	6,435	6,760	6,482	6,364	7,396
Others	10,345	10,704	11,377	11,482	12,276	12,486
Total	1,265,072	1,287,434	1,356,813	1,377,549	1,402,653	1,428,032
Ending Stocks						
North America	55,293	58,918	73,729	68,667	66,431	75,571
South America	15,905	13,605	24,662	15,011	20,858	20,678
European Union - 28	18,822	15,651	15,114	16,336	12,962	15,117
Other Europe	1,102	963	1,725	880	1,063	1,374
Former Soviet Union - 12	7,931	6,303	6,870	5,839	5,182	5,053
Middle East	8,999	9,156	6,232	6,712	5,798	7,392
North Africa	5,462	4,839	4,549	3,214	4,201	4,532
Sub-Saharan Africa	12,442	10,374	12,809	12,707	11,064	7,995
East Asia	178,202	217,696	228,521	227,794	214,479	196,142
South Asia	5,328	3,100	4,188	4,923	3,021	2,810
Southeast Asia	4,221	5,157	3,990	2,959	3,447	4,005
Oceania	1,665	1,619	2,751	2,010	2,037	2,067
Others	1,156	1,240	1,410	1,314	1,167	880
Total	316,528	348,621	386,550	368,366	351,710	343,616

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

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
TY Exports						
Argentina	18,448	21,679	22,951	24,200	29,000	32,000
Brazil	21,909	35,382	19,794	25,142	32,000	34,000
Canada	395	1,767	1,544	1,973	2,000	1,500
European Union	4,027	1,953	2,189	1,749	2,200	2,000
Mexico	784	1,559	1,539	958	800	1,500
Paraguay	3,012	2,662	1,757	1,476	2,200	2,000
Russia	3,213	4,691	5,589	5,532	3,000	4,500
Serbia	2,964	1,560	2,414	819	2,700	2,000
South Africa	746	759	1,816	2,361	1,600	1,500
Ukraine	19,661	16,595	21,334	18,036	29,500	27,000
Others	6,400	5,225	5,273	6,238	4,999	5,325
Subtotal	81,559	93,832	86,200	88,484	109,999	113,325
United States	46,831	51,098	55,593	63,636	58,000	58,000
World Total	128,390	144,930	141,793	152,120	167,999	171,325
TY Imports						
Algeria	4,116	4,329	3,989	4,046	4,400	4,500
Bangladesh	485	1,036	1,181	1,145	1,600	1,800
Brazil	534	1,566	2,439	943	1,000	1,000
Canada	1,536	958	686	1,767	2,200	1,000
Chile	1,516	1,539	1,484	1,893	2,300	2,500
China	5,516	3,174	2,464	3,456	5,000	7,000
Colombia	4,496	4,458	4,754	5,201	5,500	5,700
Dominican Republic	1,202	1,351	1,294	1,329	1,500	1,500
Egypt	7,839	8,722	8,773	9,464	9,700	10,000
European Union	8,908	14,008	14,973	18,465	23,500	20,000
Guatemala	881	1,027	951	1,091	1,300	1,400
Iran	6,100	6,600	7,800	8,900	9,500	10,500
Israel	1,294	1,156	1,539	1,861	1,700	2,000
Japan	14,657	15,204	15,169	15,668	15,500	15,600
Kenya	600	200	1,000	900	200	1,300
Korea, South	10,168	10,121	9,220	10,018	10,200	10,500
Malaysia	3,243	4,122	3,531	3,645	4,000	4,100
Mexico	11,341	13,957	14,614	16,129	17,500	18,500
Morocco	1,941	2,224	2,221	2,283	2,800	3,000
Peru	2,741	2,985	3,269	3,402	3,600	3,600
Saudi Arabia	2,904	3,583	3,421	3,983	5,000	5,500
Taiwan	3,810	4,656	4,163	4,410	4,100	4,100
Tunisia	1,042	1,017	1,244	961	1,100	1,100
Turkey	2,377	567	1,421	2,715	2,200	2,700
Vietnam	6,800	8,100	8,500	9,400	10,000	10,500
Others	18,942	19,751	17,916	15,392	17,312	16,768
Subtotal	124,989	136,411	138,016	148,467	162,712	166,168
Unaccounted	2,592	6,737	2,326	2,807	4,437	4,307
United States	809	1,782	1,451	846	850	850
World Total	128,390	144,930	141,793	152,120	167,999	171,325

TY=Trade Year, see Endnotes.

World Corn Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 Mav
Production						
Argentina	29,750	29,500	41,000	32,000	49,000	49,000
Brazil	85,000	67,000	98,500	82,000	100,000	101,000
Canada	11,606	13,680	13,889	14,095	13,900	15,400
China	249,764	264,992	263,613	259,071	257,330	254,000
Egypt	5,960	6,000	6,000	6,400	6,800	7,200
Ethiopia	7,235	7,882	7,847	8,000	8,300	8,000
European Union	75,734	58,748	61,884	62,030	63,401	64,200
India	24,170	22,570	25,900	28,720	27,800	29,000
Indonesia	9,000	10,500	10,900	11,900	12,600	13,300
Mexico	25,480	25,971	27,575	27,569	26,700	27,000
Nigeria	10,059	10,562	10,415	11,000	11,000	11,000
Philippines	7,671	6,966	8,087	7,980	7,700	8,100
Russia	11,325	13,168	15,305	13,201	11,415	13,000
South Africa	10,629	8,214	17,551	13,104	11,000	14,000
Ukraine	28,450	23,333	27,969	24,115	35,805	33,000
Others	103,962	99,614	103,996	105,666	109,959	104,802
Subtotal	695,795	668,700	740,431	706,851	752,710	752,002
United States	361,136	345,506	384,778	371,096	366,287	381,780
World Total	1,056,931	1,014,206	1,125,209	1,077,947	1,118,997	1,133,782
Total Consumption						
Argentina	9,300	9,300	11,200	12,400	13,800	15,000
Brazil	57,000	57,500	60,500	64,500	66,500	69,500
Canada	12,823	12,029	12,949	14,015	14,500	14,700
China	206,000	229,000	255,000	263,000	275,000	279,000
Egypt	13,900	14,850	15,100	15,900	16,200	16,900
European Union	77,880	73,500	74,000	76,500	87,000	81,500
India	22,350	23,550	24,900	26,700	29,000	29,000
Indonesia	12,200	12,100	12,300	12,400	12,900	13,400
Iran	7,400	8,800	9,300	9,800	10,600	11,400
Japan	14,600	15,200	15,200	15,600	15,500	15,600
Korea, South	10,250	10,123	9,435	10,000	10,300	10,600
Mexico	34,550	37,300	40,400	42,500	43,900	45,500
Nigeria	9,900	10,600	10,900	11,100	11,300	11,400
South Africa	11,650	10,970	12,663	12,100	12,300	12,300
Vietnam	9,400	12,200	12,900	13,500	14,000	14,400
Others	163,721	165,341	170,406	177,266	183,305	185,291
Subtotal	690,149	682,951	771,645	776,157	822,441	830,037
United States	301,837	298,844	313,828	313,970	309,893	314,975
World Total	991,986	981,795	1,085,473	1,090,127	1,132,334	1,145,012
Ending Stocks						
Argentina	2,898	1,448	5,273	2,378	6,083	7,588
Brazil	7,842	6,769	14,019	7,313	9,813	8,313
Canada	1,518	2,450	2,574	2,417	2,017	2,217
China	172,855	212,017	223,017	222,525	209,835	191,815
Egypt	2,358	2,224	1,887	1,841	2,131	2,421
European Union	9,626	6,929	7,597	9,843	7,544	8,244
Mexico	4,090	5,159	5,409	5,649	5,149	3,649
Others	34,151	30,604	33,430	32,946	30,143	27,332
Subtotal	235,338	267,600	293,206	284,912	272,715	251,579
United States	43,974	44,123	58,253	54,367	53,227	63,133
World Total	279,312	311,723	351,459	339,279	325,942	314,712

Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	May 2019/20
TY Imports						
North America	13,686	16,697	16,751	18,742	20,550	20,350
Central America	3,456	3,938	3,799	4,001	4,450	4,550
South America	12,042	12,462	13,719	13,564	13,965	14,545
European Union - 28	8,908	14,008	14,973	18,465	23,500	20,000
Former Soviet Union - 12	498	356	367	440	447	478
Middle East	15,157	14,890	16,944	20,423	21,400	23,700
North Africa	15,622	16,873	16,906	17,246	18,700	19,200
Sub-Saharan Africa	3,323	5,408	5,902	2,706	2,843	3,893
East Asia	34,198	33,189	31,109	33,599	34,850	37,250
Southeast Asia	14,802	15,281	13,968	15,183	16,505	16,505
Caribbean	2,444	2,597	2,657	2,446	2,940	2,940
Others	1,662	2,494	2,372	2,498	3,412	3,607
Total	125,798	138,193	139,467	149,313	163,562	167,018
Production						
North America	398,222	385,157	426,242	412,760	406,887	424,180
South America	127,570	108,837	150,633	125,846	160,893	161,690
European Union - 28	75,734	58,748	61,884	62,030	63,401	64,200
Other Europe	9,162	7,447	9,452	5,376	8,595	8,070
Former Soviet Union - 12	44,302	40,267	47,988	42,271	52,539	50,830
Middle East	6,904	7,789	7,283	7,028	7,487	7,563
North Africa	6,058	6,096	6,130	6,523	6,951	7,321
Sub-Saharan Africa	66,809	63,036	72,859	74,321	71,868	70,016
East Asia	252,113	267,431	265,949	261,417	259,739	256,407
South Asia	34,398	33,221	37,764	40,845	40,571	41,821
Central America	3,644	3,336	3,911	3,878	3,598	3,598
Southeast Asia	30,655	31,693	33,716	34,346	35,163	36,683
Others	1,360	1,148	1,398	1,306	1,305	1,403
Total	1,056,931	1,014,206	1,125,209	1,077,947	1,118,997	1,133,782
Domestic Consumption						
North America	349,210	348,173	367,177	370,485	368,293	375,175
South America	87,601	87,971	92,273	99,398	103,130	107,680
European Union - 28	77,880	73,500	74,000	76,500	87,000	81,500
Other Europe	6,327	6,542	6,952	5,869	6,250	6,365
Former Soviet Union - 12	21,176	19,687	20,681	19,265	19,562	19,983
Middle East	21,738	23,522	24,513	27,036	28,845	30,850
North Africa	22,100	22,990	23,290	24,400	25,200	26,150
Sub-Saharan Africa	66,881	67,642	71,097	73,308	75,328	73,958
East Asia	237,127	260,967	286,087	295,227	307,550	311,950
South Asia	33,123	35,630	37,885	41,245	44,065	44,385
Southeast Asia	40,849	43,634	45,497	46,777	48,200	49,600
Central America	6,855	7,180	7,540	7,830	8,180	8,340
Others	3,894	3,769	3,989	3,911	4,395	4,530
Total	974,761	1,001,207	1,060,981	1,091,251	1,125,998	1,140,466
Ending Stocks						
North America	49,582	51,732	66,236	62,433	60,393	68,999
South America	13,743	11,209	22,447	13,204	19,042	19,057
European Union - 28	9,626	6,929	7,597	9,843	7,544	8,244
Other Europe	896	849	1,475	686	906	1,186
Former Soviet Union - 12	3,180	2,638	3,110	2,489	2,859	2,219
Middle East	3,727	2,729	2,325	2,681	2,628	2,951
North Africa	3,259	2,988	2,555	2,457	2,898	3,259
Sub-Saharan Africa	9,588	7,828	10,264	10,754	8,992	6,393
East Asia	176,305	215,956	226,814	226,614	213,633	195,320
South Asia	3,940	2,388	3,149	3,756	2,362	2,103
Southeast Asia	4,215	5,151	3,979	2,948	3,436	3,994
Central America	796	889	1,056	1,054	907	700
Others	455	437	452	360	342	287
Total	279,312	311,723	351,459	339,279	325,942	314,712

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

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
TY Exports						
Argentina	1,599	2,836	2,696	2,600	3,100	2,700
Australia	5,266	5,401	9,192	6,088	4,500	5,000
Canada	1,386	1,147	1,809	1,868	2,200	2,000
European Union	10,642	8,644	5,683	5,857	5,000	6,000
Kazakhstan	475	776	821	1,411	2,000	1,900
Moldova	81	59	143	86	70	70
Russia	5,807	3,735	3,626	5,661	4,800	5,300
Turkey	4	0	14	11	100	200
Ukraine	4,332	4,673	5,337	3,188	4,200	4,500
Uruguay	43	42	111	5	100	100
Others	166	85	51	68	135	120
Subtotal	29,801	27,398	29,483	26,843	26,205	27,890
United States	291	161	125	102	100	70
World Total	30,092	27,559	29,608	26,945	26,305	27,960
TY Imports						
Algeria	723	864	533	439	250	100
Belarus	1	7	113	54	120	300
Brazil	489	551	737	584	650	650
China	9,859	5,869	8,104	8,144	6,500	7,000
Colombia	249	301	258	136	200	250
European Union	269	315	447	231	400	400
India	2	67	325	89	100	100
Iran	1,900	1,700	2,200	2,700	3,000	3,000
Israel	278	319	376	234	250	300
Japan	1,097	1,154	1,197	1,253	1,100	1,100
Jordan	759	902	759	788	900	900
Kuwait	412	511	569	521	450	400
Lebanon	105	132	262	199	150	200
Libya	1,001	1,324	1,084	438	900	600
Morocco	276	958	407	363	300	1,200
Peru	122	98	169	56	127	150
Saudi Arabia	8,200	10,400	8,400	7,700	7,600	8,500
Tunisia	483	696	501	674	650	500
United Arab Emirates	393	668	501	263	500	500
Vietnam	52	79	161	177	125	150
Others	1,802	1,165	1,416	1,484	1,246	811
Subtotal	28,472	28,080	28,519	26,527	25,518	27,111
Unaccounted	1,190	-873	872	248	667	649
United States	430	352	217	170	120	200
World Total	30,092	27,559	29,608	26,945	26,305	27,960

TY=Trade Year, see Endnotes.

World Barley Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
Production						
Algeria	1,300	1,300	1,000	968	1,950	2,050
Argentina	2,900	4,940	3,300	3,740	4,500	4,000
Australia	8,646	8,993	13,506	8,900	8,300	9,200
Belarus	1,988	1,849	1,253	1,420	1,700	1,400
Canada	7,117	8,257	8,839	7,891	8,400	9,800
China	1,810	1,870	1,752	1,800	1,850	1,950
Ethiopia	1,953	2,047	2,025	2,032	2,200	2,300
European Union	60,609	62,095	59,866	58,805	55,968	62,000
India	1,831	1,613	1,440	1,750	1,770	1,950
Iran	3,200	3,200	3,724	3,100	2,800	3,600
Iraq	1,000	1,550	1,550	975	780	1,600
Kazakhstan	2,412	2,675	3,231	3,305	3,971	4,000
Russia	20,026	17,083	17,547	20,211	16,737	18,000
Turkey	4,000	7,400	4,750	6,400	7,400	8,500
Ukraine	9,450	8,751	9,874	8,695	7,604	9,000
Others	9,850	9,788	12,434	8,683	10,550	10,540
Subtotal	138,092	143,411	146,091	138,675	136,480	149,890
United States	3,953	4,750	4,353	3,119	3,333	3,418
World Total	142,045	148,161	150,444	141,794	139,813	153,308
Total Consumption						
Algeria	2,050	2,150	2,050	1,750	1,900	2,050
Australia	3,000	3,300	3,500	3,600	3,700	4,200
Belarus	2,000	1,850	1,400	1,450	1,800	1,700
Canada	6,471	6,960	6,760	6,799	6,800	7,200
China	11,600	7,900	9,800	10,300	8,300	9,000
Ethiopia	1,975	1,990	2,025	2,225	2,225	2,325
European Union	51,000	51,400	55,100	54,200	52,000	55,200
India	1,400	1,520	1,650	1,950	1,850	2,000
Iran	4,600	5,200	5,200	6,000	6,100	6,300
Kazakhstan	2,000	2,000	2,200	2,150	2,200	2,200
Morocco	2,650	2,650	3,200	1,950	2,500	2,400
Russia	14,100	13,700	14,700	14,500	12,200	12,400
Saudi Arabia	8,525	10,225	9,825	8,525	8,025	8,225
Turkey	5,350	6,900	5,500	6,700	7,500	8,100
Ukraine	5,500	4,300	4,900	4,500	4,000	4,300
Others	17,045	18,648	18,710	16,678	16,968	18,287
Subtotal	138,358	142,752	147,542	143,044	138,558	146,452
United States	4,235	4,408	4,375	3,465	3,484	3,549
World Total	142,593	147,160	151,917	146,509	142,042	150,001
Ending Stocks						
Algeria	1,304	1,291	877	627	927	1,027
Australia	1,120	1,068	1,884	1,459	1,559	1,559
Canada	1,260	1,523	2,120	1,250	700	1,320
European Union	5,771	5,924	5,421	4,578	3,946	5,146
Russia	1,510	729	839	750	537	887
Saudi Arabia	3,074	4,059	2,344	1,829	1,414	1,699
Turkey	332	961	338	791	891	1,191
Others	8,099	7,404	7,570	5,653	4,863	5,293
Subtotal	22,470	22,959	21,393	16,937	14,837	18,122
United States	1,711	2,223	2,316	2,057	1,928	1,950
World Total	24,181	25,182	23,709	18,994	16,765	20,072

Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	May 2019/20
TY Imports						
North America	779	615	293	227	180	230
South America	1,169	1,133	1,249	860	1,047	1,110
European Union - 28	269	315	447	231	400	400
Other Europe	124	81	121	79	180	90
Former Soviet Union - 12	239	162	442	228	390	550
Middle East	12,399	14,798	13,563	13,077	13,230	13,910
North Africa	2,581	3,914	2,542	1,990	2,130	2,420
Sub-Saharan Africa	138	40	112	49	45	40
East Asia	11,080	7,136	9,413	9,499	7,725	8,225
South Asia	22	133	341	114	136	136
Oceania	32	7	31	19	25	25
Total	28,902	28,432	28,736	26,697	25,638	27,311
Production						
North America	11,916	13,742	14,170	12,015	12,729	14,228
South America	3,794	5,925	4,714	4,814	5,919	5,404
European Union - 28	60,609	62,095	59,866	58,805	55,968	62,000
Other Europe	1,241	1,258	1,451	1,290	1,213	1,407
Former Soviet Union - 12	35,542	32,491	34,150	35,550	32,003	34,392
Middle East	8,896	12,880	10,831	11,333	11,461	14,983
North Africa	3,975	3,511	4,933	2,195	4,934	3,908
Sub-Saharan Africa	2,423	2,549	2,562	2,537	2,825	2,845
East Asia	2,136	2,159	2,052	2,112	2,149	2,256
South Asia	2,461	2,121	1,845	1,945	1,934	2,305
Oceania	9,052	9,430	13,870	9,198	8,678	9,580
Total	142,045	148,161	150,444	141,794	139,813	153,308
Domestic Consumption						
North America	11,556	12,293	12,085	11,274	11,334	11,849
South America	3,397	3,523	3,442	3,382	3,581	3,779
European Union - 28	51,000	51,400	55,100	54,200	52,000	55,200
Other Europe	1,414	1,373	1,451	1,359	1,317	1,397
Former Soviet Union - 12	25,455	23,861	25,442	24,576	22,312	22,668
Middle East	22,369	27,160	25,523	25,226	25,397	27,427
North Africa	7,132	7,503	7,647	5,459	6,568	6,418
Sub-Saharan Africa	2,471	2,565	2,615	2,758	2,850	2,940
East Asia	13,164	9,482	11,446	12,021	9,890	10,590
South Asia	2,023	2,093	2,073	2,213	2,053	2,393
Oceania	3,450	3,750	3,900	3,950	4,100	4,600
Total	143,501	145,101	150,895	146,742	141,552	149,436
Ending Stocks						
North America	3,369	4,132	4,851	3,722	2,999	3,561
South America	750	1,128	832	718	837	722
European Union - 28	5,771	5,924	5,421	4,578	3,946	5,146
Other Europe	160	79	168	132	123	153
Former Soviet Union - 12	3,751	2,971	2,952	2,560	1,812	2,357
Middle East	5,208	6,392	3,887	3,996	3,140	4,416
North Africa	2,155	1,802	1,940	700	1,246	1,216
Sub-Saharan Africa	434	436	488	306	326	271
East Asia	1,090	904	923	513	497	388
South Asia	294	274	294	262	229	227
Oceania	1,199	1,140	1,942	1,496	1,599	1,604
Total	24,181	25,182	23,709	18,994	16,765	20,072

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

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
TY Exports						
Argentina	954	772	457	296	100	100
Australia	1,701	717	542	449	600	600
China	9	23	34	43	40	40
Ethiopia	75	75	75	75	75	50
India	122	74	24	140	25	50
Nigeria	100	50	100	100	100	100
Ukraine	156	119	164	123	120	125
Others	202	133	268	302	165	110
Subtotal	3,319	1,963	1,664	1,528	1,225	1,175
United States	9,269	7,928	6,022	4,961	2,300	2,500
World Total	12,588	9,891	7,686	6,489	3,525	3,675
TY Imports						
Chile	98	134	54	49	100	100
China	10,162	8,284	5,209	4,436	700	700
Colombia	0	64	0	56	50	50
European Union	131	119	194	486	800	400
Japan	903	649	561	594	600	600
Kenya	117	54	146	141	150	150
Mexico	29	661	548	98	500	400
Somalia	20	70	60	80	100	100
South Sudan	87	19	36	148	150	150
Sudan	120	200	120	150	200	200
Others	396	609	386	459	509	454
Subtotal	12,063	10,863	7,314	6,697	3,859	3,304
Unaccounted	498	-1,070	328	-259	-335	371
United States	27	98	44	51	1	0
World Total	12,588	9,891	7,686	6,489	3,525	3,675

TY=Trade Year, see Endnotes.

World Sorghum Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 Mav
Production						
Argentina	3,500	3,375	3,400	3,000	2,800	2,800
Australia	2,209	1,791	994	1,439	1,300	1,700
Bolivia	858	835	500	750	780	800
Brazil	2,055	1,032	1,865	2,136	2,278	2,300
Burkina	1,708	1,436	1,663	1,366	1,930	1,800
Cameroon	1,150	1,217	1,339	1,352	1,400	1,400
Chad	922	835	991	946	988	950
China	2,885	2,750	2,985	3,200	3,450	3,600
Ethiopia	4,339	4,766	4,752	4,816	5,000	5,000
India	5,445	4,238	4,570	4,950	3,750	4,500
Mali	1,272	1,527	1,394	1,424	1,470	1,300
Mexico	6,270	5,587	4,638	4,545	4,700	5,000
Niger	1,426	1,918	1,808	1,945	2,100	1,800
Nigeria	6,883	7,005	7,556	6,939	6,800	6,900
Sudan	6,281	2,744	6,466	3,743	4,500	4,000
Others	8,003	6,864	6,817	7,023	7,310	6,997
Subtotal	55,206	47,920	51,738	49,574	50,556	50,847
United States	10,988	15,158	12,199	9,192	9,271	7,874
World Total	66,194	63,078	63,937	58,766	59,827	58,721
Total Consumption						
Argentina	2,800	2,900	2,900	3,200	2,700	2,800
Australia	505	905	675	950	800	1,100
Brazil	2,000	1,150	1,700	2,100	2,300	2,300
Burkina	1,700	1,465	1,640	1,400	1,800	1,800
Cameroon	1,175	1,232	1,369	1,367	1,425	1,425
Chad	930	850	950	1,000	1,000	1,000
China	12,900	11,000	8,300	7,800	4,300	4,200
Ethiopia	4,100	4,700	4,700	4,800	4,900	5,000
European Union	995	800	790	970	1,520	1,220
India	5,100	4,600	4,500	4,700	3,900	4,400
Mali	1,200	1,500	1,400	1,450	1,500	1,400
Mexico	6,600	6,300	5,300	4,700	5,100	5,200
Niger	1,450	2,000	2,000	1,850	2,100	1,950
Nigeria	6,833	6,905	7,350	6,950	6,750	6,800
Sudan	6,000	3,100	6,450	4,100	4,750	4,250
Others	9,375	8,370	7,601	8,265	8,619	8,454
Subtotal	63,483	57,447	57,939	55,382	52,988	53,710
United States	2,459	6,130	6,282	3,997	6,477	5,715
World Total	65,942	63,577	64,221	59,379	59,465	59,425
Ending Stocks						
Argentina	971	952	889	687	587	487
Australia	252	233	272	261	261	261
Brazil	194	51	215	250	188	183
China	706	717	577	370	180	240
Ethiopia	561	576	569	516	561	531
India	587	151	198	308	133	183
Mexico	338	286	172	113	213	413
Others	2,164	1,846	1,716	1,455	1,563	1,065
Subtotal	5,773	4,812	4,608	3,960	3,686	3,363
United States	468	930	850	885	1,521	1,140
World Total	6,241	5,742	5,458	4,845	5,207	4,503

Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	May 2019/20
TY Imports						
North America	56	759	592	149	501	400
South America	114	212	60	111	175	175
European Union - 28	131	119	194	486	800	400
Other Europe	0	0	0	0	0	0
Middle East	24	34	30	41	51	31
North Africa	1	1	5	1	0	0
Sub-Saharan Africa	576	578	629	718	878	863
East Asia	11,142	9,011	5,823	5,156	1,420	1,400
Southeast Asia	14	16	19	22	10	10
Others	32	231	6	64	25	25
Total	12,090	10,961	7,358	6,748	3,860	3,304
Production						
North America	17,258	20,745	16,837	13,737	13,971	12,874
Central America	326	284	308	281	272	272
Caribbean	125	123	118	91	106	91
South America	6,967	5,682	6,159	6,142	6,138	6,206
European Union - 28	887	674	632	672	733	725
Middle East	646	430	356	410	432	410
North Africa	809	755	752	754	755	755
Sub-Saharan Africa	28,241	25,197	29,750	26,701	28,534	27,196
East Asia	2,887	2,752	2,987	3,202	3,452	3,602
South Asia	5,560	4,399	4,719	5,104	3,890	4,640
Southeast Asia	55	55	50	50	50	50
Oceania	2,209	1,791	994	1,439	1,300	1,700
Others	224	191	275	183	194	200
Total	66,194	63,078	63,937	58,766	59,827	58,721
Domestic Consumption						
North America	9,059	12,430	11,582	8,697	11,577	10,915
Central America	321	292	308	281	275	275
Caribbean	125	123	120	91	106	91
South America	6,362	5,409	5,623	6,415	6,152	6,356
European Union - 28	995	800	790	970	1,520	1,220
Middle East	801	508	383	447	483	441
North Africa	785	755	752	754	755	755
Sub-Saharan Africa	27,870	25,830	29,921	27,414	29,056	28,269
East Asia	13,882	11,733	8,917	8,522	5,022	4,902
South Asia	5,247	4,981	4,665	4,917	4,065	4,565
Southeast Asia	95	66	71	66	55	55
Oceania	505	905	675	950	800	1,100
Others	75	75	100	75	75	70
Total	66,122	63,907	63,907	59,599	59,941	59,014
Ending Stocks						
North America	806	1,216	1,022	998	1,734	1,553
Central America	26	17	17	12	9	6
South America	1,310	1,128	1,143	967	853	738
European Union - 28	27	16	24	144	152	52
Middle East	39	0	0	0	0	0
North Africa	47	48	53	54	54	54
Sub-Saharan Africa	2,313	2,095	2,029	1,623	1,724	1,304
East Asia	765	772	629	422	232	292
South Asia	587	151	198	308	133	183
Oceania	252	233	272	261	261	261
Others	69	66	71	56	55	60
Total	6,241	5,742	5,458	4,845	5,207	4,503

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

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
TY Exports						
Australia	264	214	455	550	250	500
Canada	1,734	1,667	1,557	1,685	1,600	1,800
Chile	84	26	27	34	30	40
European Union	231	220	179	128	150	150
Kazakhstan	0	5	12	10	10	10
Russia	14	16	14	34	90	90
Ukraine	46	48	19	15	10	10
Others	11	10	4	5	11	10
Subtotal	2,384	2,206	2,267	2,461	2,151	2,610
United States	25	37	44	31	30	30
World Total	2,409	2,243	2,311	2,492	2,181	2,640
TY Imports						
Algeria	24	31	11	7	25	20
Bosnia and Herzegovina	4	4	6	5	5	5
Canada	22	17	18	12	10	10
China	162	172	278	389	150	350
Colombia	2	1	1	1	5	5
Ecuador	21	38	21	39	30	30
European Union	4	9	3	4	5	5
India	24	31	25	19	15	15
Japan	47	50	49	44	50	50
Korea, South	29	21	23	46	25	25
Mexico	86	77	119	168	100	100
Norway	4	7	3	21	80	50
Serbia	2	1	0	1	5	5
South Africa	46	31	24	39	40	40
Switzerland	49	41	54	49	50	50
Others	15	13	24	13	12	12
Subtotal	541	544	659	857	607	772
Unaccounted	101	167	122	101	74	168
United States	1,767	1,532	1,530	1,534	1,500	1,700
World Total	2,409	2,243	2,311	2,492	2,181	2,640

TY=Trade Year, see Endnotes.

World Oats Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
Production						
Algeria	110	110	110	110	110	110
Argentina	525	553	785	492	516	650
Australia	1,198	1,300	2,266	1,119	888	1,350
Belarus	522	492	390	500	460	450
Brazil	307	351	828	634	795	815
Canada	2,977	3,425	3,231	3,733	3,450	3,900
Chile	421	533	713	573	473	550
China	255	350	525	550	575	625
European Union	7,821	7,524	8,044	8,087	7,644	8,300
Kazakhstan	226	244	335	285	336	330
Mexico	93	85	71	72	103	90
Norway	283	286	359	283	144	300
Russia	5,267	4,527	4,750	5,448	4,715	5,000
Turkey	210	250	225	250	230	230
Ukraine	610	498	510	481	423	450
Others	263	293	309	285	330	324
Subtotal	21,088	20,821	23,451	22,902	21,192	23,474
United States	1,019	1,298	938	720	815	871
World Total	22,107	22,119	24,389	23,622	22,007	24,345
Total Consumption						
Algeria	126	141	132	117	135	130
Argentina	525	550	760	525	500	630
Australia	950	1,025	1,500	850	690	850
Belarus	500	500	400	500	450	450
Brazil	305	345	775	675	775	805
Canada	1,682	1,620	1,854	2,035	1,900	2,000
Chile	355	495	655	575	465	495
China	400	500	710	850	850	950
European Union	7,730	7,400	7,950	7,900	7,850	7,950
Kazakhstan	225	245	274	275	330	330
Mexico	175	190	195	200	205	190
Norway	295	296	315	320	250	350
Russia	5,200	4,600	4,800	5,400	4,700	4,900
Turkey	225	240	240	240	240	240
Ukraine	600	450	450	480	450	450
Others	490	507	508	540	571	547
Subtotal	19,727	19,195	21,709	21,614	20,469	21,410
United States	2,447	2,700	2,537	2,361	2,365	2,566
World Total	22,174	21,895	24,246	23,975	22,834	23,976
Ending Stocks						
Argentina	65	65	89	56	67	82
Australia	93	143	419	138	86	86
Canada	693	947	703	784	744	854
China	37	59	152	241	116	141
European Union	770	690	637	642	291	496
Kazakhstan	33	27	75	75	71	61
Russia	289	199	147	167	92	102
Others	196	226	370	272	195	209
Subtotal	2,176	2,356	2,592	2,375	1,662	2,031
United States	780	824	731	595	481	481
World Total	2,956	3,180	3,323	2,970	2,143	2,512

Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	May 2019/20
TY Imports						
North America	1,875	1,626	1,667	1,714	1,610	1,810
South America	30	48	31	46	40	40
European Union - 28	4	9	3	4	5	5
Other Europe	62	53	63	76	140	110
Former Soviet Union - 12	1	4	11	0	0	0
Middle East	4	0	0	5	5	5
North Africa	24	31	15	9	27	22
Sub-Saharan Africa	46	31	24	39	40	40
East Asia	238	243	350	479	225	425
South Asia	24	31	25	19	15	15
Oceania	0	0	0	0	0	0
Total	2,308	2,076	2,189	2,391	2,107	2,472
Production						
North America	4,089	4,808	4,240	4,525	4,368	4,861
South America	1,281	1,478	2,372	1,742	1,842	2,068
European Union - 28	7,821	7,524	8,044	8,087	7,644	8,300
Other Europe	414	421	502	426	288	451
Former Soviet Union - 12	6,631	5,768	5,990	6,719	5,940	6,236
Middle East	210	250	225	250	230	230
North Africa	147	152	125	145	173	150
Sub-Saharan Africa	24	38	56	23	33	40
East Asia	257	351	526	551	576	626
South Asia	0	0	0	0	0	0
Oceania	1,233	1,329	2,309	1,154	913	1,383
Total	22,107	22,119	24,389	23,622	22,007	24,345
Domestic Consumption						
North America	4,304	4,510	4,586	4,596	4,470	4,756
South America	1,244	1,453	2,268	1,865	1,837	2,023
European Union - 28	7,730	7,400	7,950	7,900	7,850	7,950
Other Europe	482	488	515	520	456	560
Former Soviet Union - 12	6,531	5,802	5,929	6,660	5,936	6,136
Middle East	225	240	240	240	240	240
North Africa	163	183	151	152	200	172
Sub-Saharan Africa	63	72	67	66	75	75
East Asia	479	571	784	940	929	1,026
South Asia	24	31	25	19	15	15
Oceania	985	1,054	1,540	885	718	880
Total	22,230	21,804	24,055	23,843	22,726	23,833
Ending Stocks						
North America	1,479	1,775	1,437	1,383	1,227	1,337
South America	102	140	240	122	126	161
European Union - 28	770	690	637	642	291	496
Other Europe	46	35	82	62	34	35
Former Soviet Union - 12	397	298	316	328	222	212
Middle East	11	21	6	21	16	11
North Africa	1	1	1	3	3	3
Sub-Saharan Africa	18	15	28	24	22	27
East Asia	39	62	154	244	116	141
South Asia	0	0	0	0	0	0
Oceania	93	143	422	141	86	89
Total	2,956	3,180	3,323	2,970	2,143	2,512

NOTES: Regional definitions appear on last page of this circular. Imports are reported on a trade year basis. All other data are reported using local marketing years.

World Rye Trade
October/September Year, Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
TY Exports						
Belarus	0	24	8	0	20	20
Canada	89	112	132	227	130	160
European Union	167	160	139	92	200	200
Russia	121	23	29	152	300	200
Ukraine	13	21	14	38	95	50
Others	1	0	0	0	0	0
Subtotal	391	340	322	509	745	630
United States	3	6	4	4	5	5
World Total	394	346	326	513	750	635
TY Imports						
Canada	0	0	0	2	0	2
European Union	96	39	16	137	300	200
Israel	18	12	4	21	15	20
Japan	22	16	24	21	20	20
Korea, South	4	5	4	3	5	5
Norway	6	2	4	5	20	5
Switzerland	6	4	3	2	5	5
Others	11	24	8	15	0	0
Subtotal	163	102	63	206	365	257
Unaccounted	-31	27	91	-18	115	128
United States	262	217	172	325	270	250
World Total	394	346	326	513	750	635

TY=Trade Year, see Endnotes.

World Rye Production, Consumption, and Stocks
Local Marketing Years, Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20 May
Production						
Argentina	97	61	79	86	100	105
Belarus	867	753	651	670	650	650
Canada	218	226	436	342	235	400
European Union	8,864	7,833	7,440	7,398	6,256	7,600
Russia	3,279	2,084	2,538	2,540	1,914	2,000
Turkey	300	330	300	320	320	320
Ukraine	475	394	394	510	396	300
Others	186	186	155	176	120	171
Subtotal	14,286	11,867	11,993	12,042	9,991	11,546
United States	183	295	339	260	214	279
World Total	14,469	12,162	12,332	12,302	10,205	11,825
Total Consumption						
Argentina	97	61	79	86	100	105
Australia	29	30	29	30	30	30
Belarus	850	800	700	665	650	650
Canada	134	119	180	199	140	200
European Union	8,600	7,900	7,600	7,700	6,500	7,550
Kazakhstan	65	37	33	35	35	34
Norway	46	67	26	54	29	55
Russia	3,250	2,150	2,400	2,500	1,750	1,750
Turkey	325	330	300	320	320	320
Ukraine	475	420	380	480	305	305
Others	108	91	99	105	103	111
Subtotal	13,984	12,023	11,852	12,207	10,037	11,183
United States	406	515	496	484	537	578
World Total	14,390	12,538	12,348	12,691	10,574	11,761
Ending Stocks						
Belarus	166	99	41	61	41	21
Canada	42	51	165	116	61	103
European Union	1,386	1,209	989	667	523	573
Japan	3	2	1	1	1	1
Russia	264	158	291	260	124	174
Turkey	14	14	14	14	14	14
Ukraine	106	75	77	69	65	10
Others	4	4	12	16	4	0
Subtotal	1,985	1,612	1,590	1,204	833	896
United States	15	12	18	15	17	18
World Total	2,000	1,624	1,608	1,219	850	914

Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2014/15	2015/16	2016/17	2017/18	2018/19	May 2019/20
TY Imports						
North America	262	217	172	327	270	252
South America	0	0	0	0	0	0
European Union - 28	96	39	16	137	300	200
Other Europe	12	6	8	7	25	10
Former Soviet Union - 12	5	24	7	15	0	0
Middle East	24	12	4	21	15	20
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	26	21	28	24	25	25
Oceania	0	0	0	0	0	0
Total	425	319	235	531	635	507
Production						
North America	401	521	775	602	449	679
South America	106	69	91	97	113	117
European Union - 28	8,864	7,833	7,440	7,398	6,256	7,600
Other Europe	83	108	70	93	51	96
Former Soviet Union - 12	4,682	3,268	3,624	3,759	2,983	2,980
Middle East	300	330	300	320	320	320
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	30	30	29	30	30	30
Total	14,469	12,162	12,332	12,302	10,205	11,825
Domestic Consumption						
North America	540	634	676	683	677	778
South America	106	69	91	97	113	117
European Union - 28	8,600	7,900	7,600	7,700	6,500	7,550
Other Europe	97	113	77	100	76	106
Former Soviet Union - 12	4,640	3,407	3,513	3,680	2,740	2,739
Middle East	343	342	304	341	335	340
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	27	22	29	24	25	25
Oceania	29	30	29	30	30	30
Total	14,385	12,520	12,322	12,658	10,499	11,688
Ending Stocks						
North America	57	63	183	131	78	121
South America	0	0	0	0	0	0
European Union - 28	1,386	1,209	989	667	523	573
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	540	336	421	406	234	205
Middle East	14	14	14	14	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	3	2	1	1	1	1
Oceania	0	0	0	0	0	0
Total	2,000	1,624	1,608	1,219	850	914

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.