

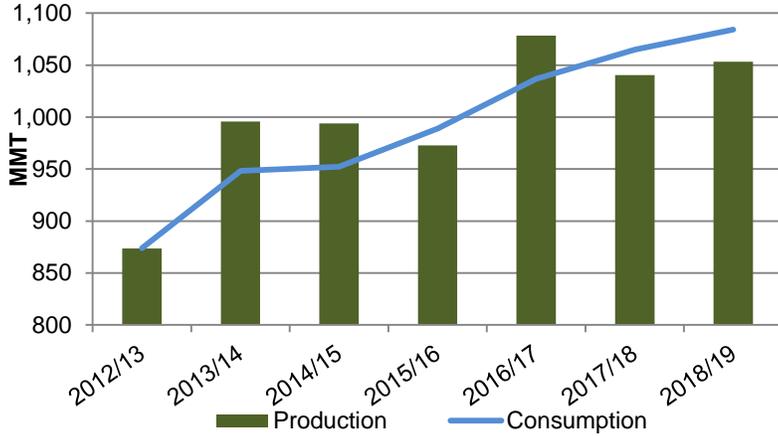


# Grain: World Markets and Trade

May 2018

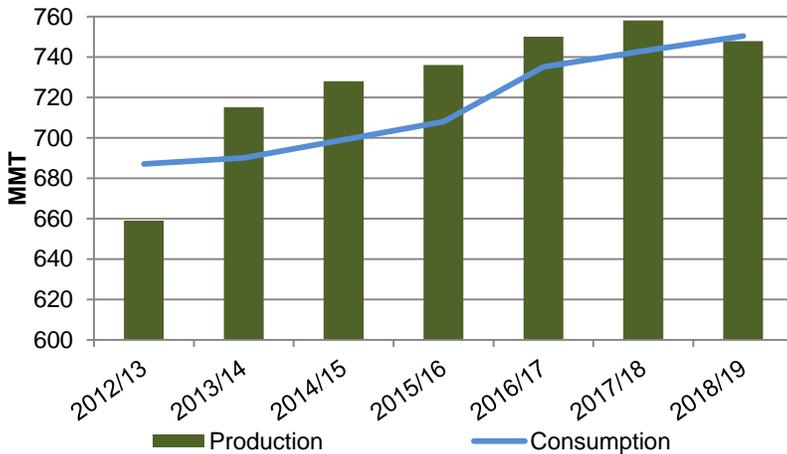
## Record Global Grain Consumption Drives Stocks Down

### Global Corn Consumption Outpaces Production



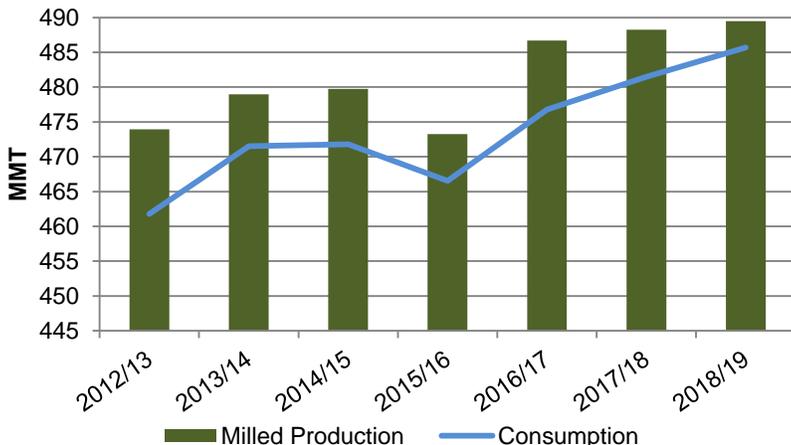
For 2018/19, global corn production is projected up from last year due to larger crops in China, Brazil, and Argentina. Global consumption outpaces production for the second consecutive year as demand expands in China as well as for countries in South America. Tighter world supplies of barley also underpin growth in global corn use. Trade is forecast higher boosted by greater exportable supplies in major exporting countries including Argentina, Brazil, Ukraine, and Russia. Global ending stocks are set to fall sharply once more, led by declining inventories for China and the United States.

### Global Wheat Consumption Above Production



Global wheat production is forecast lower than the 2017/18 record. Lower production in Russia, the European Union, and India is only partially offset by larger crops in the United States, Australia, and Canada. Global consumption is projected up based on higher food use, despite marginally weaker feed use. Record global trade is once again projected due to strong import demand from Asia and Africa. Russia is forecast to be the largest exporter. Global stocks are projected down, but are primarily held by China, whose stocks are actually forecast higher.

### Global Rice Production Above Consumption



Rice production is forecast at a record, with the most significant increase in Bangladesh. Consumption is forecast to rise marginally with the largest gain in China. Trade is projected up slightly, with import demand rising in Sub-Saharan Africa. India will remain the top exporter, followed by Thailand. Among the major grains, only rice stocks are forecast to rise marginally, as growth in China more than offsets reductions in top exporters.

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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 Click the plus sign [+] next to Grains.

### **FAS Reports and Databases:**

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

[Archives 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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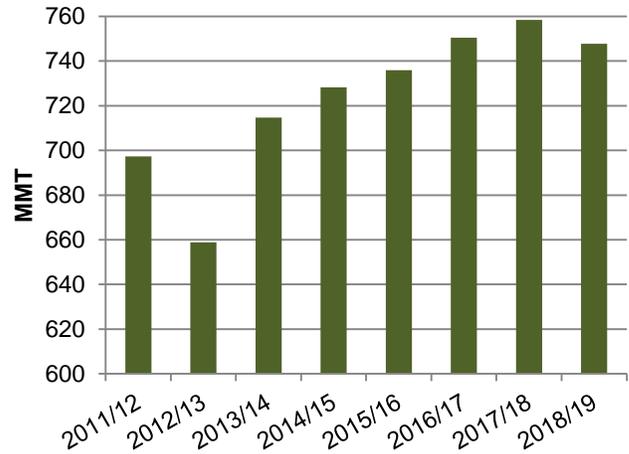
# WHEAT

## OVERVIEW FOR 2018/19

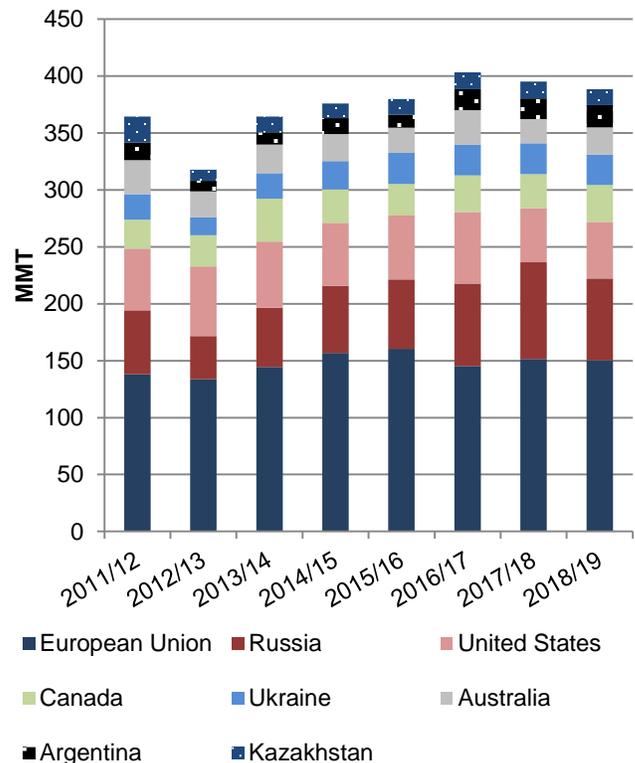
Global production is forecast at 748 million tons, down 11 million from the record set last year, and the third-largest on record. Production among the top exporting countries is projected down a combined total of 6 million tons as smaller crops, particularly in the **European Union** and **Russia**, more than offset larger crops in **Argentina**, **Australia**, **Canada**, and the **United States**. The **European Union** is down 1 million tons to 150 million with lower area more than offsetting rebounding yields. **Russia** is down 13 million tons to 72 million (still the third-largest on record) based on lower area and yield. **U.S.** wheat production is forecast up at 50 million tons as a larger spring wheat crop is expected to more than offset reduced winter wheat output. Wheat area is seen expanding in **Argentina** and **Canada**, driving production higher. **Australia** wheat area is projected down slightly, but average yield is expected to be better than the drought-affected 2017/18 crop. **Kazakhstan's** wheat output is projected lower on reduced area. **Ukraine** is forecast down slightly on lower expected yields.

Outside of the major exporting countries, production is also projected lower. **China** is slightly lower at 129 million tons. **India** is down 4 million tons to 95 million on reduced area. **Pakistan** is projected 1 million tons lower at 26 million. **Turkey's** crop is down 1 million tons to 20 million, but would still be its second-largest. **Brazil's** production is seen rebounding slightly after hitting a 10-year low in 2017/18. Favorable weather in North Africa has led to expectations of larger crops in **Algeria**, **Morocco**, and **Tunisia**. Wheat production in **Egypt** and **Ethiopia** is expected the same as last year, while **South Africa's** crop is expected to rebound after being affected by drought last year.

Global Wheat Production Down, but Still Third Largest



Production for Leading Exporter Countries

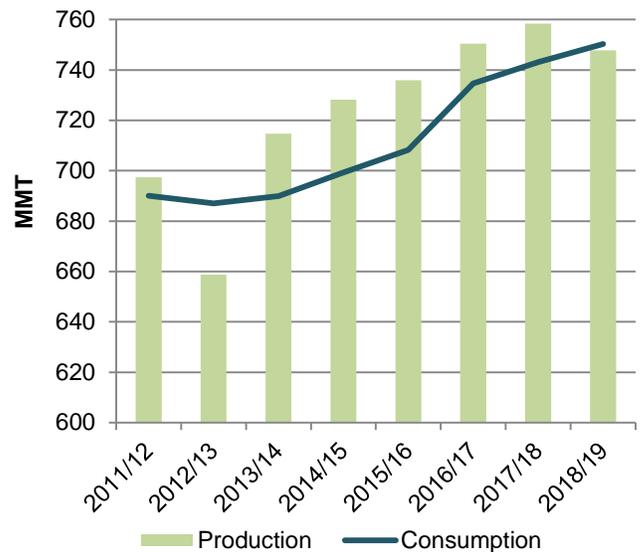


Global consumption is projected at a record in 2018/19, driven mainly by rising food demand. Consumption is forecast to exceed production for the first time in 6 years.

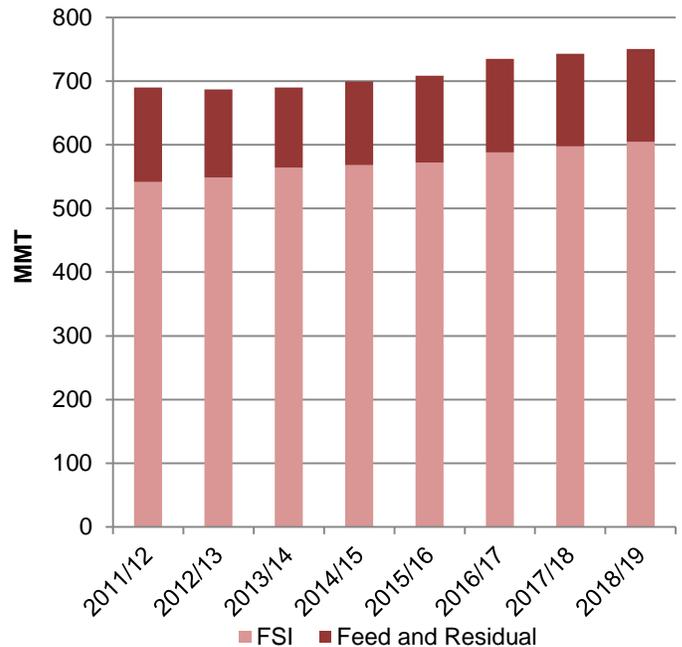
Food, Seed, and Industrial (FSI) consumption makes up the bulk of wheat use and exhibits a steady trend upwards over time. In 2018/19, FSI is forecast to rise to a record level with growth seen across nearly all regions of the world. Growth is particularly significant in **Southeast Asia** and **Sub-Saharan Africa**. In these regions, food consumption of wheat continues to surge with population growth and changing tastes and preferences. Consumers continue to move toward a more wheat-based diet as incomes rise and populations become more urban. In most other regions of the world, wheat consumption is more established and is rising mainly due to population growth.

Feed and residual use, on the other hand, is generally more variable and depends on price relationships with other grains. In 2018/19, feed and residual use is forecast nearly unchanged. Feed and residual is projected up in **Canada** and the **United States** with larger crops, but lower for the **European Union** and **Russia**, where output is seen down from 2017/18. In the European Union, wheat feeding is expected lower on a rebound in barley supplies. Further, 2017/18 EU wheat feeding was unusually high based on problems with crop quality in some Member States, as well as tight competition in export markets.

**Record Global Wheat Consumption Outpaces Production**



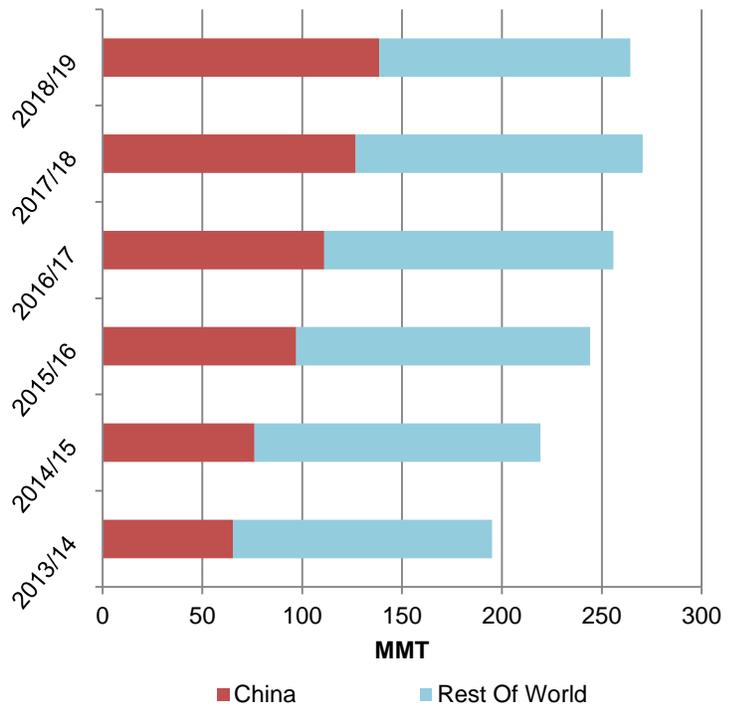
**Food Use Rises Slightly; Feed Down Marginally**



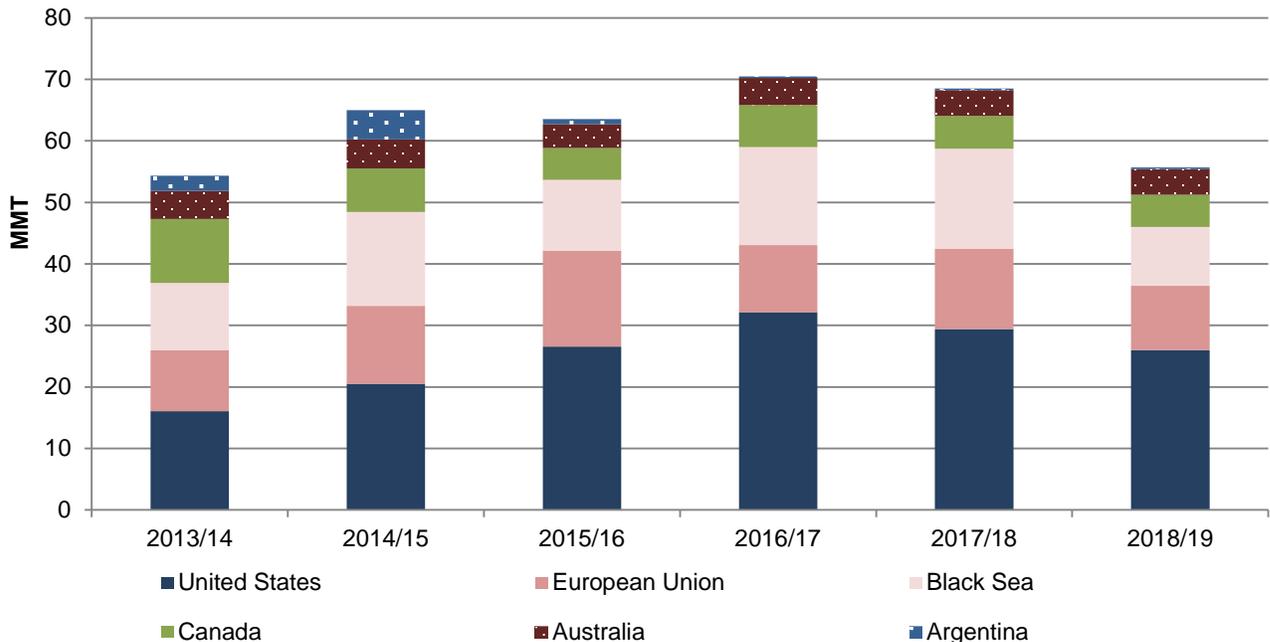
Global ending stocks for 2018/19 are projected down 6 million tons from the previous year to 264 million. Stocks in the major exporting countries collectively are projected to decrease again in 2018/19 after reaching a 6-year high in 2016/17. With a smaller crop and strong export demand, **U.S.** ending stocks are forecast down once again this year. Stocks in **Australia** and **Canada** are also forecast lower based on strong demand for high quality wheat. Stocks in the **European Union** are forecast lower with larger exports. **Black Sea** stocks are forecast lower with smaller crops in all three countries: **Russia, Kazakhstan, and Ukraine.** Stocks in **Argentina** are forecast to remain tight despite a larger crop as higher export demand drives use.

**China** remains the largest holder of global wheat stocks, accounting for over half of global stocks. China's wheat stocks are forecast up almost 12 million tons.

**China Forecast to Hold over Half of Global Wheat Stocks, but Global Stocks Are Down**

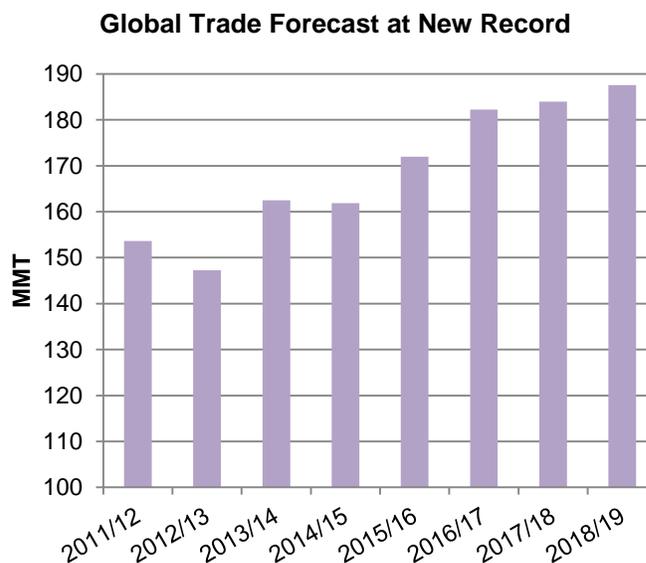


**Major Exporter Stocks Decline Again**



## Selected Importers

Global trade is forecast up 2 percent to a record 188 million tons with larger imports expected across many regions. The region showing the largest year-to-year import boost is South Asia, driven by smaller crops in Afghanistan and India as well as rising consumption in Bangladesh. Sub-Saharan Africa shows the next largest growth as long-term consumption trends continue based on rising population and changing tastes and preferences. Similarly, the rising prominence of wheat-based foods in Southeast Asia is supporting higher trade.

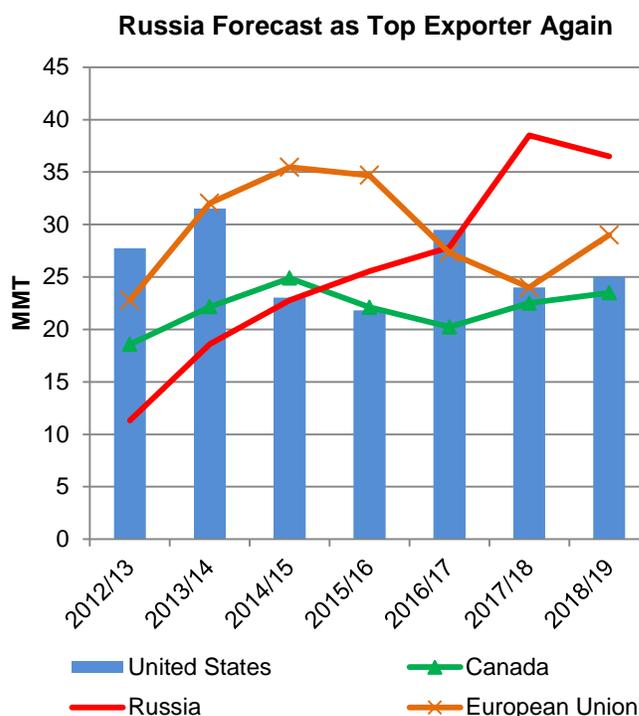


- **Indonesia** is unchanged at 12.5 million tons with wheat feeding expected to be lower due to expanded corn production and feeding. Food consumption of wheat continues to trend higher.
- **Egypt** is up 500,000 tons to 12.5 million on rising consumption in line with population growth and stagnant production.
- **Algeria** is down 500,000 tons to 7.5 million on a larger domestic crop.
- **Brazil** is up 800,000 tons to 7.5 million on continued demand growth and another relatively small domestic crop.
- **Bangladesh** is up 600,000 tons to 7.0 million based on diets shifting toward greater wheat consumption.
- **Japan** is down 200,000 tons to 5.8 million on increased use of corn in feed rations.
- **Philippines** is unchanged at 5.8 million tons in order to drive down stocks from the previous year. U.S. market share is expected to remain unchanged as competition from the Black Sea region continues to put pressure on U.S. exports, despite continued consumption growth.
- **European Union** is unchanged at 5.5 million tons on steady demand for both high-quality milling and feed wheat.
- **Mexico** is up 300,000 tons to 5.5 million in light of growing demand and a smaller domestic crop.
- **Nigeria** is up 300,000 tons to 5.5 million as population growth and urbanization continue to support higher wheat demand.
- **South Korea** is up 200,000 tons to 4.6 million mainly on rising feed consumption.
- **Turkey** is down 1.5 million tons to 4.5 million as the country is expecting another relatively large crop and stocks are ample. Further, with flour exports constrained by Iraq's tariff, slightly less wheat is likely to be imported for re-export.
- **Vietnam** is up 300,000 tons to 4.5 million on a growing food and feed industry.

- **China** is unchanged at 4.0 million tons based on production levels and large stocks. China traditionally imports higher quality wheat to blend with domestic production.
- **United States** is down 500,000 tons to 3.7 million on rebounding spring wheat production. With high-protein wheat in abundant supply, less is needed from Canada.
- **Iraq** is down 200,000 tons to 3.6 million with the expectation of improved crop quality. In 2017/18, imports were unusually high in response to the lower quality of the domestic crop.
- **Afghanistan** is up 900,000 tons to 3.5 million based on a smaller domestic crop.
- **Morocco** is down 500,000 tons to 3.0 million with larger production.
- **Yemen** is unchanged at 3.4 million tons as continued economic and political uncertainty constrains growth in the market.
- **Saudi Arabia** is up 100,000 tons to 3.4 million. Demand in this market has been reduced by expatriates departing the country but is expected to be offset by increased tourism.
- **Thailand** is up 100,000 tons to 3.1 million due to a rise in consumption. Thailand maintains its restrictions on feed wheat to support domestic corn.
- **Uzbekistan** is up 200,000 tons to 3.2 million on a smaller crop.
- **Sudan** is up 100,000 tons to 2.7 million as wheat demand continues to trend higher.
- **Kenya** is up 100,000 tons to 2.5 million on rapid consumption growth, fueled by growing population, rising incomes, and urbanization.
- **Peru** is unchanged at 2.1 million tons as growth in domestic consumption is expected to be met with a slightly larger crop.
- **United Arab Emirates** is down 100,000 tons to 1.8 million as imports of wheat for re-export are expected to slow.
- **Colombia** is up 100,000 tons to 2.0 million on rising food and feed use.
- **Malaysia** is up 100,000 tons to 2.0 million on rising food consumption with the popularity of Western-style products.
- **India** is up 1.0 million tons to 2.0 million on a smaller crop and tighter stocks.
- **Ethiopia** is up 400,000 tons to 1.9 million on growing demand and relatively tight stocks.
- **Tunisia** is down 100,000 tons to 1.8 million on a larger crop.
- **South Africa** is down 300,000 tons to 1.7 million as domestic production rebounds after last year's drought.

## Selected Exporters

With global trade forecast at another record and exporter supplies still relatively large, competition for market share will continue to be intense in 2018/19. **Russia's** exports are forecast to be down from the current year on a smaller crop. However, it is expected to remain the world's leading wheat exporter, supported by large carryin supplies. The **European Union** is forecast to be the next largest exporter, taking advantage of growing global trade and reduced competition from Russia. Exports for the **United States** are projected up only slightly as large competitor supplies will make it difficult for U.S. wheat to expand its share of global trade. **Canada** is projected to have a larger crop and greater exports, which will provide more competition for U.S. exports in key Latin American and Asian markets.



- **Russia** is down 3.0 million tons to 36.5 million. Production is forecast down substantially from the previous year (still the third-largest on record) and carryin supplies are expected to be abundant.
- The **European Union** is forecast up 5.0 million tons to 29.0 million. The crop is slightly down, but supplies are still abundant based on large beginning stocks. Exports dipped in 2017/18 based on competition with Russia and greater use of wheat in feed rations. However, the smaller Russian crop this year should provide an opportunity for the European Union to retake market share in major markets in Africa and the Middle East.
- The **United States** is forecast up 1.0 million tons to 25.0 million. Production is forecast to rebound slightly and total supplies will be ample in light of large stocks.
- **Canada** is forecast up 700,000 tons to 23.5 million, supported by a large crop and competitive pricing with U.S. wheat.
- **Australia** is projected up 1.0 million tons to 17.0 million based on a larger crop.
- **Ukraine** is projected down 200,000 tons to 17.0 million on a smaller crop.
- **Argentina** is forecast down 800,000 tons to 13.5 million. Marketing year (December-November) exports are forecast up by more than a million tons based on a larger crop. The July-June trade year, however, is forecast lower based on the expected timing of shipments. Argentina's 2017/18 trade year exports are estimated to be a record,

supported by large July-November 2017 shipments of wheat from the previous marketing year, as well as strong exports from the new crop in December onwards.

- **Kazakhstan** is forecast down 500,000 tons to 8.0 million on smaller production and tighter stocks.
- **Turkey** is projected down 200,000 tons to 6.0 million based on Iraq's imposition of a duty on imports of Turkish wheat flour.
- **Serbia** is forecast up 600,000 tons to 1.4 million based on large carryin stocks and a bumper crop.
- **China** is projected up 200,000 tons to 1.2 million on large supplies.
- **Iran** is forecast up 200,000 tons to 1.0 million based on efforts to expand wheat flour exports. Iran's competitiveness in shipping flour to Iraq is improved in light of the duty in place on Turkey's wheat flour shipments.
- **Mexico** is forecast unchanged at 1.0 million tons based on a smaller crop.
- **Pakistan** is projected down 200,000 tons to 1.0 million based on a smaller crop.

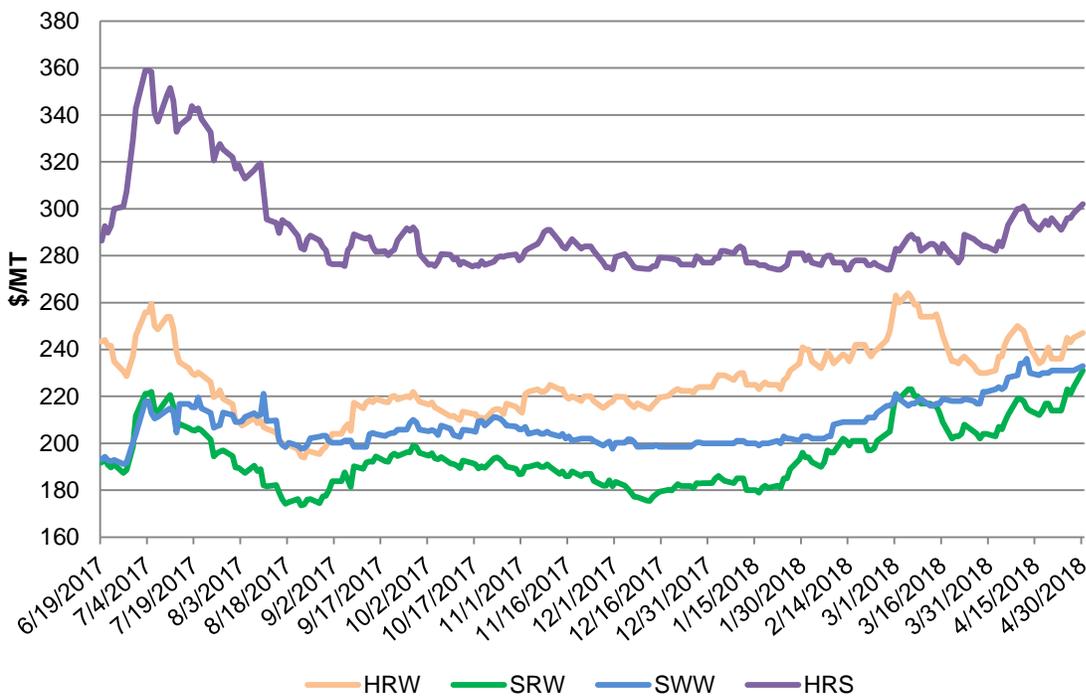
## OVERVIEW FOR 2017/18

For 2017/18, global production is lowered slightly this month, but remains a record. Global trade is forecast lower as reduced imports for Brazil, India, and Morocco more than offset an increase for Turkey. Exports are projected lower for Australia and the United States but higher for Russia. The U.S. season-average farm price is raised \$0.05 to \$4.70 per bushel.

## PRICES

Domestic: Overall, U.S. wheat prices rose during the month of April, underpinned by continued drought conditions in Hard Red Winter producing regions as well as dry conditions in some other exporting countries. Hard Red Winter (HRW) rose \$17/ton to \$247, while Soft Red Winter (SRW) jumped \$27/ton to \$231. Hard Red Spring (HRS) gained \$18/ton to \$302, underpinned by a slow pace of planting. Soft White Wheat (SWW) gained \$11/ton to \$233.

U.S. Daily FOB Export Bids



**Global:** Overall, exporter prices were up ending in April. Supplies in the Black Sea and Argentina have become tighter, due to strong exports. Meanwhile, concerns of drier conditions in the wheat growing areas of Australia and the United States put upward pressure on export prices. Argentina's wheat, which only a few months ago was priced at a deep discount to others, remains just below U.S. and Australian quotes. Notably, Black Sea milling quotes were at a premium to EU quotes for much of the past month.

Month Ending	Argentina	Australia	Black Sea	EU	US
<b>April</b>	\$234	\$246	\$214	\$207	\$247
<b>March</b>	\$222	\$229	\$209	\$205	\$230
<b>February</b>	\$195	\$236	\$207	\$207	\$255

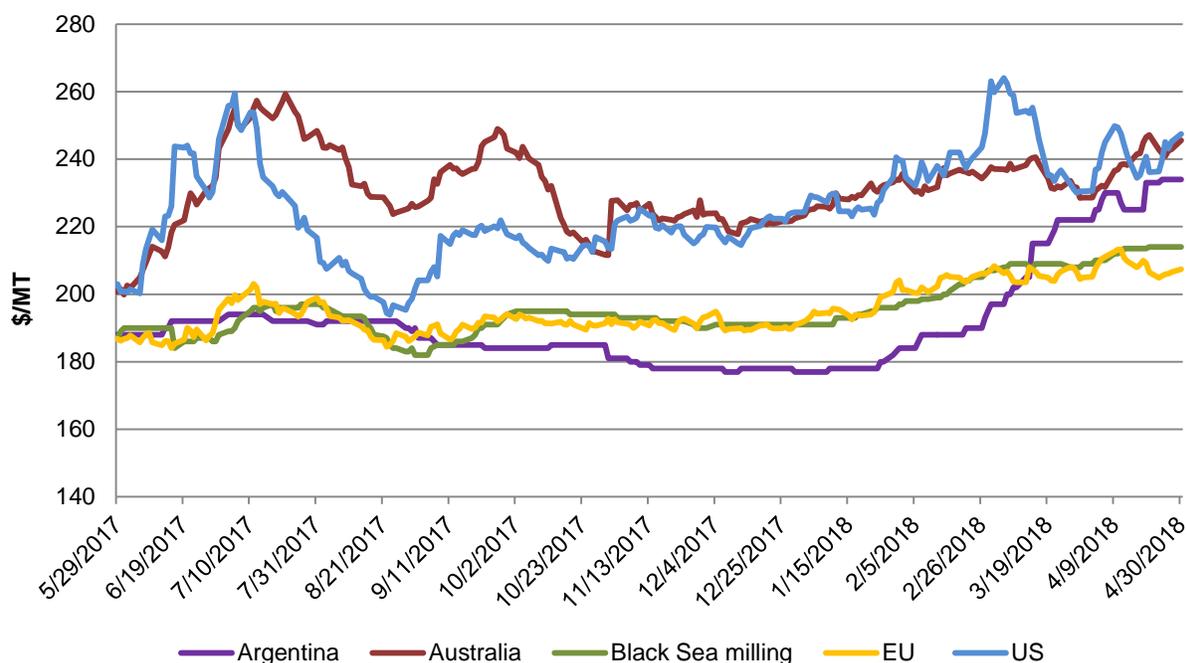
Month Ending Prices for Major Wheat Exporters

Source: IGC

\*Note on FOB prices: Argentina- 12.0%, up river; Australia- average of APW; Fremantle, Newcastle, and Port Adelaide ; Black Sea- milling; EU- France grade 1, Rouen; US- HRW 11.5% gulf

\*\*Please note that the calculation of Australian wheat price has changed since last month. Using an average price for APW is a better representation of Australian wheat prices.

### International Daily FOB Export Bids



## TRADE CHANGES IN 2017/18 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
Argentina	Exports	14,500	14,300	↓ -200	Slowing pace of trade; prices rising
Australia	Exports	17,000	16,000	↓ -1,000	Competition from the Black Sea Region
Brazil	Imports	7,000	6,700	↓ -300	Slower-than-expected trade to date
Canada	Exports	22,500	22,800	↑ 300	Fast pace of shipments, competitive pricing
Ethiopia	Imports	1,700	1,500	↓ -200	Tender cancellation and slow trade to date
India	Imports	1,500	1,000	↓ -500	Slower-than-expected imports
Iraq	Imports	3,600	3,800	↑ 200	Continued fast pace of trade
Kazakhstan	Exports	8,000	8,500	↑ 500	Strong pace of trade
Mexico	Exports	1,200	1,000	↓ -200	Slow pace of trade and expectations of a smaller 2018/19 crop
Morocco	Imports	4,000	3,500	↓ -500	Slow pace of imports and expectations of record 2018/19 production
Russia	Exports	38,500	39,500	↑ 1,000	Record crop and rapid pace of exports
Turkey	Imports	5,700	6,000	↑ 300	Rapid pace of imports from Russia
United Arab Emirates	Exports	300	100	↓ -200	Lower re-exports of wheat
United States	Exports	24,500	24,000	↓ -500	Weak pace of shipments and sales
Uruguay	Exports	300	50	↓ -250	Smaller crop and minimal exports to date
Uzbekistan	Imports	2,800	3,000	↑ 200	Increased consumption and pace of trade

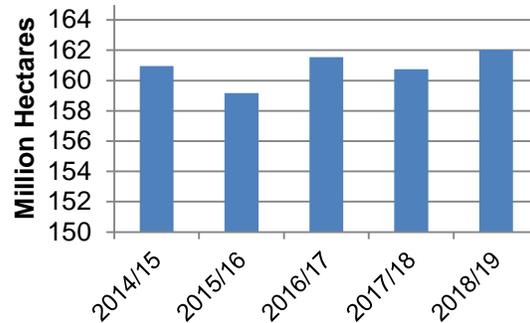
# RICE

## OVERVIEW FOR 2018/19

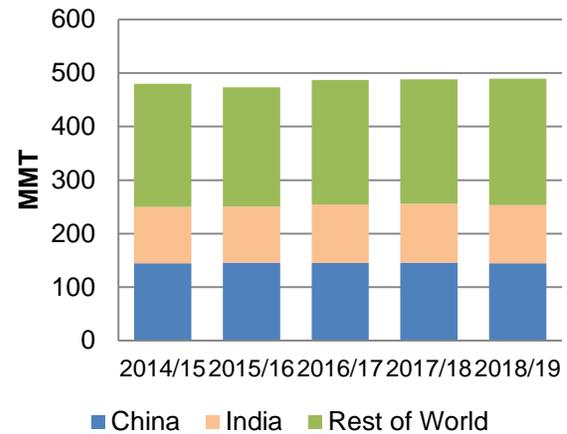
Global rice production in 2018/19 is forecast at a record, up modestly from the prior year on greater area. The largest year-to-year increase is for **Bangladesh**, which is expected to recover from recent drought and untimely floods. Both area and yield are expected to return to more normal levels. Likewise, **Indonesia** is projected to produce more with a slightly higher yield. For **Thailand**, an increase in double-cropping will lead to more production. The **United States** is forecast to have larger planted area, particularly for long-grain rice. These gains are partially offset by reductions for the two largest-producing countries. Production in **China** is forecast lower, as reduced minimum support prices lead to lower planted area. Production in **India** is forecast down on a return to trend yield. The crop in **Egypt** is expected to be sharply lower on account of anticipated enforcement of the planted area limitations set by the government.

World consumption is set to increase slightly by 1 percent. The largest increase in consumption is forecast for China, the top consumer, while the biggest decline is for Thailand where old crop rice for feed and industrial use has dwindled as stocks decline. 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. In contrast, in many **African** countries, rice consumption is rising especially in urban areas. A limited amount of rice is used for feed among rice producing countries, such as Thailand.

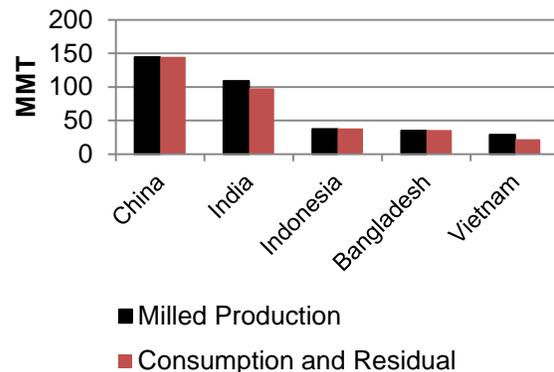
## World Rice Area Harvested



## Global Milled Rice Production



## Top Producers are Top Consumers (2018/19)

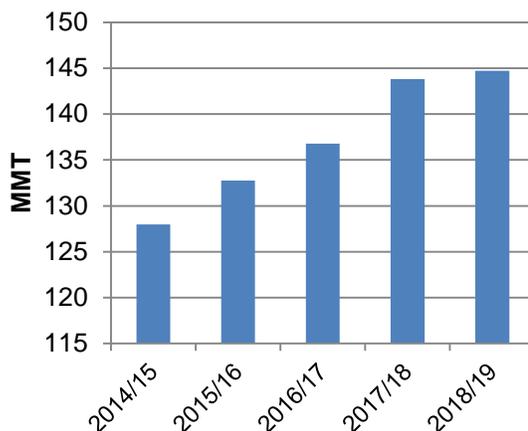


Global production continues to exceed consumption, and therefore global 2018/19 ending stocks are projected to continue their upward trend. Ending stocks have increased every year for the past 11 years, though the expected increase in 2018/19 is smaller than in recent years. As in recent years, **China** is primarily responsible for this growth. Its ending stocks are forecast to rise more than 3 million tons. Domestic policies have simultaneously led to burgeoning government reserves while also encouraging lower-priced imports from neighboring countries. Consequently, China has the largest production, imports, and stocks in the world.

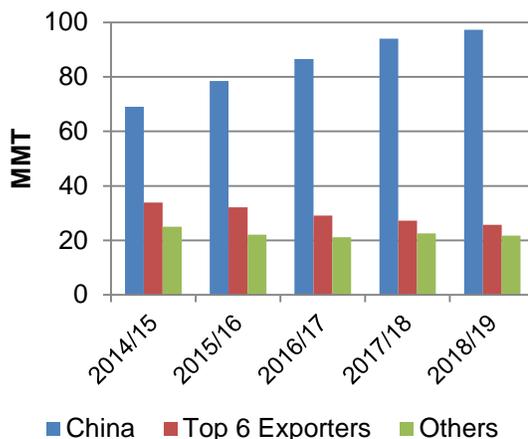
In contrast, **India** is forecast to reduce its stocks by 10 percent or 2 million tons. Other top exporters are forecast to see marginal changes in ending stocks, but India's reduction will keep the trend downward for the top six exporters (**India, Thailand, Vietnam, Pakistan, Burma, and United States**). Collectively, the top six exporters have been decreasing their ending stocks for the last 5 years. In contrast, this year U.S. ending stocks are forecast up sharply by 18 percent on higher production.

For 2019, trade is forecast up 1.2 percent to a record of nearly 50 million tons. The largest import demand growth is forecast in **Sub-Saharan Africa**, and the **Middle East**, whereas imports for both **South** and **Southeast Asia** are expected to decline. **India** will remain the top exporter, though its year-to-year decline is more than offset by projected gains for **Thailand** and **China**. In the Western Hemisphere, **U.S.** exports are projected to rise, along with **Paraguay**, whereas **Argentina** is forecast flat and both **Brazil** and **Uruguay** are expected to decline.

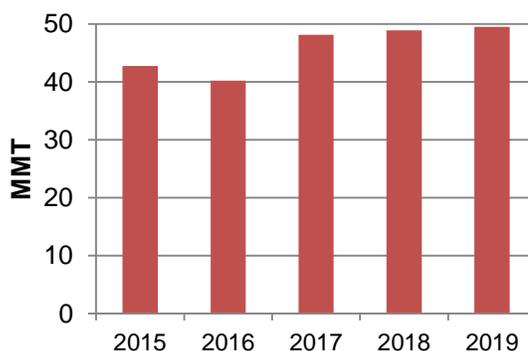
**Global Rice Stocks**



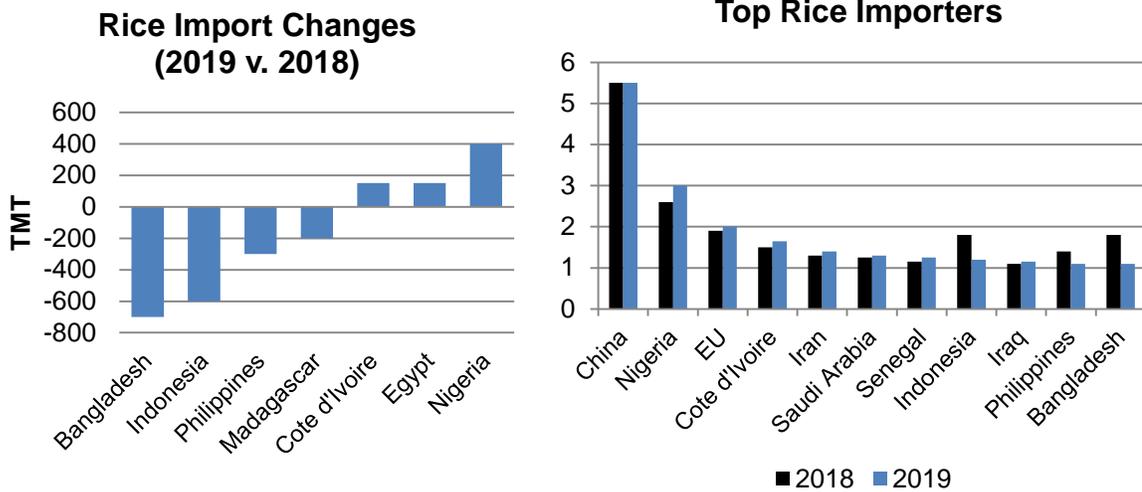
**Rice Stocks: China v. Top Exporters v. Others**



**World Rice Trade**



## Selected Importers for 2019

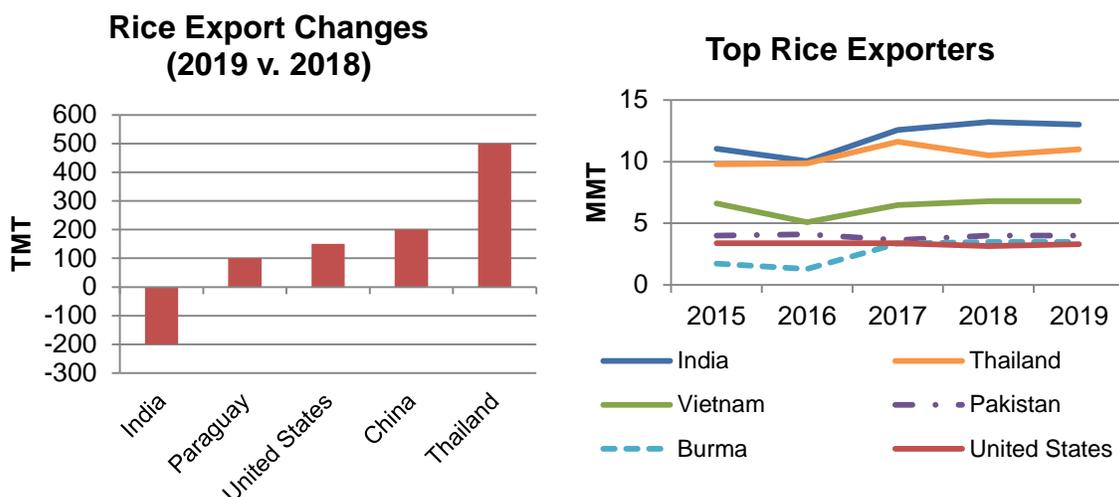


- China** is forecast to continue to import 5.5 million tons. Despite a smaller crop, total supplies are expected to be up from the prior year, due to larger beginning stocks in the government's temporary reserve. The sales from government auctions are assumed to continue, which will supply lower-priced multi-year-old crop onto the market. Nonetheless, private sector imports from neighboring countries and government-to-government purchases are expected to continue.
- Nigeria** is projected to rise 400,000 tons to 3.0 million as demand for imported parboiled rice remains strong. Domestic production is forecast to remain unchanged despite government efforts to see it expand. Meanwhile, consumption will rise as the population grows, urbanization expands, and the economy stabilizes. Although the government has restricted the use of foreign exchange for rice imports, transshipment through nearby countries will likely remain robust.
- European Union** is forecast up 100,000 tons to 2.0 million on moderate growth. India is the largest supplier to the European Union, but other countries, such as Cambodia, Guyana, and Burma, continue to gain market share through the *Everything but Arms* initiative. The lowering of the maximum residue level for tricyclozole has decreased India's market share, while Pakistan's share has expanded.
- Cote d'Ivoire** is projected up 150,000 tons to 1.7 million as consumption rises. Despite increases in domestic production, import demand continues to grow for Asian milled and broken rice. The country has a relatively high per capita consumption.
- Iran** is forecast up 100,000 tons to 1.4 million on growing demand amid slightly lower domestic production. The country has been seeking higher levels of self-sufficiency, but basmati imports are still desired by consumers.
- Saudi Arabia** is forecast up 50,000 tons to 1.3 million on expected expansion in tourist visits offsetting slight declines in the foreign worker population. Imports are primarily basmati rice, but also other fragrant rice, parboiled long grain, and milled medium grain.

- **Senegal** is projected up 100,000 tons to 1.3 million, reflecting continued demand for broken rice shipments, primarily from Asia. Senegal is the largest importer of broken rice.
- **Indonesia** is forecast down 600,000 tons to 1.2 million as larger domestic production and stocks dampen the need for imports. Consumption is up only marginally, as consumers continue to shift to consuming more instant noodles and other wheat-based products.
- **Iraq** is expected to increase 50,000 tons to 1.2 million on a smaller crop. The Ministry of Trade continues to import rice for the Public Distribution System through public tenders and direct purchases. Notably, the private sector supplements the consumer-subsidized goods with additional imports.
- **Philippines** is down 300,000 tons to 1.1 million on more abundant domestic supplies. This forecast is subject to change, particularly in light of ongoing government decisions related to Quantitative Restrictions on imports.
- **Bangladesh** is forecast down 700,000 tons to 1.1 million on an expected return to normal production levels. Area and yield are anticipated to rebound following the weather-inflicted losses of the prior year.
- **South Africa** is flat at 1.0 million tons, as the preferred staple of white maize remains readily available.
- **Malaysia** is forecast up 100,000 tons to 1.0 million to rebuild dwindling stocks.
- **The United Arab Emirates** is projected to rise 75,000 tons to 900,000 as the population and tourism industry expand.
- **Mexico** is forecast up 20,000 tons to 880,000 due to higher domestic consumption and continued exports to Venezuela.
- **United States** is forecast to remain at 825,000, primarily fragrant varieties.
- **Guinea** is projected up 25,000 tons to 800,000 as demand for Indian rice expands.
- **Kenya** is up 50,000 tons to 750,000 on account of growing population and dietary shifts toward rice.
- **Mozambique** is forecast up 25,000 tons to 750,000 on strong consumption growth.
- **Japan** remains stable at 685,000 tons to fulfill its WTO minimum import commitments.
- **Brazil** is forecast up 50,000 tons to 700,000 on a smaller crop and steady demand.
- **Cuba** is forecast up 10,000 tons to 550,000 on expected consumption growth.
- **Haiti** is forecast up 20,000 tons to 560,000 due to flat production and slight consumption growth.
- **South Korea** is steady at 410,000 tons to fulfill WTO minimum import commitments.
- **Sri Lanka** is projected flat at 400,000 to maintain an adequate level of stocks.
- **Venezuela** is forecast down 90,000 tons to 300,000 on limited purchases due to financial challenges.

- **Canada** is forecast up 10,000 tons to 380,000 on increasing consumption trends.
- **Turkey** is projected to remain at 350,000 tons as consumption grows moderately. Though it typically imports medium grain paddy, it has recently shifted to importing more milled rice.
- **Madagascar** is forecast down 200,000 tons to 300,000 as the crop is forecast larger. Consumption is expected up modestly.
- **Peru** is forecast down 30,000 tons to 300,000 on steady production and new import policies. Peru recently raised its import price band to be more in line with prices for locally produced rice.
- **Jordan** is projected up 10,000 tons to 230,000 on moderate growth in consumption.
- **Russia** is expected to stay at 260,000 tons with stable consumption.
- **Tanzania** is projected down 30,000 tons to 230,000 as growing consumption is largely met by a much larger crop.
- **Egypt** is expected up 150,000 tons to 200,000 on the expectation that imported rice will partly offset the reduced available supply amid a significantly smaller crop. Exports are at negligible levels.
- **Taiwan** is forecast at 120,000 tons, reflecting WTO minimum import commitments.
- **Colombia** is forecast up 40,000 tons to 150,000, which will likely primarily be met by filling the tariff rate quota under the Colombia-U.S. Free Trade Agreement.

## Selected Exporters for 2019



- India** is forecast down 200,000 tons to 13.0 million. The crop is expected to be smaller, while consumption is rising. Notably, import demand from neighboring Bangladesh is projected lower. Typically, it receives a majority of its imports from India. Stocks are forecast to tighten somewhat, but still remain well above desired buffer stock levels. With ample stocks, exports are not expected to be restricted in any way by the government. India is anticipated to be the top exporter for the eighth consecutive year.
- Thailand** is forecast up 500,000 tons at 11.0 million due to slightly larger production and continued strong demand. Regional demand will remain strong even though Thailand has nearly depleted all of its government-held stocks. The private sector is expected to compensate by holding more pipeline stocks.
- Vietnam** is forecast unchanged at 6.8 million tons on a larger crop and ample supplies. Though trade with neighboring China is still anticipated to be robust, this exporter is increasingly seeking diversified markets in Asia, the Middle East, and Africa. Additionally, it is steadily increasing its fragrant and glutinous exports.
- Pakistan** is projected to remain at 4.0 million tons due to slightly lower production and continued competition from other major rice exporters in the region. Pakistan exports primarily to neighboring countries, the Middle East, and Africa. China is also a large recipient of Pakistani rice.
- Burma** is forecast steady at 3.5 million tons with relatively low stocks constraining larger exportable supplies. Burma supplies neighboring markets, but also the European Union and Africa. While Burma was once the top rice exporter, it lost this position in the 1960s. Over the past couple of years, Burma's shipments have surged, and it is projected to be the fifth-largest exporter.

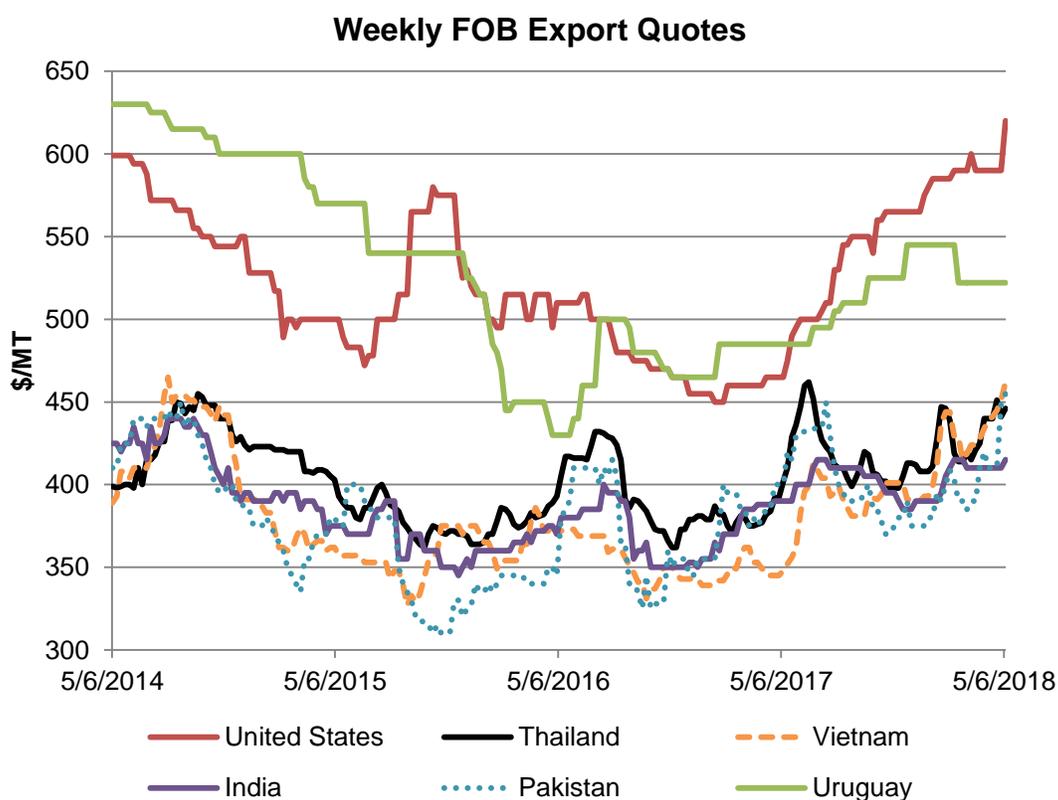
- **United States** is forecast up 150,000 tons to 3.3 million as more ample domestic supplies enable the country to regain market share. The United States primarily ships rough and milled rice to the Western Hemisphere, while also reaching medium-grain East Asian and medium- and long-grain Middle Eastern markets. Exports represent roughly half of production.
- **China** is up 200,000 tons to 1.8 million as old-crop rice shipments are expected to continue. Over the past couple of 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 2003.
- **Cambodia** is projected up 50,000 tons to 1.3 million on a larger crop and continued demand from neighboring countries and the EU. Cambodia can access the EU market duty-free under the *Everything but Arms* initiative. Exports to neighboring countries are mostly in the form of paddy rice. The country has been expanding its exports, notably in fragrant varieties and parboiled. (Note: the milling rate has been revised to reflect current milling conditions.)
- **Uruguay** is forecast down 60,000 tons to 800,000 on lower production levels and beginning stocks from the previous year. Large rice supplies in the region have kept rice prices down, causing some farmers to exit the sector. Although total exports are down, exports to Mexico and Cuba have been growing the last few years.
- **Brazil** is projected down 50,000 tons to 700,000 due to a slightly smaller crop and increased competition from neighboring exporters. Total rice area in Brazil has declined for 8 of the last 10 years. Farmers are replacing rice with more profitable crops such as corn and soybeans as rice prices have been kept down in the region due to excess supplies.
- **Paraguay** is forecast up 100,000 tons to 650,000 on a large crop and increased focus on new export markets. Roughly 80 percent of Paraguay's rice exports are destined to Brazil, but Paraguay is actively pursuing new markets.
- **Guyana** is forecast up 10,000 tons to 470,000 on larger production and continued exports to newer markets such as Mexico.
- **Argentina** is forecast to remain at 400,000 tons due to strong regional competition. Argentina has a high cost of production making it less competitive in the international market.
- **Australia** is projected flat at 300,000 tons as another large crop provides sufficient exportable supplies. The country is a significant medium-grain exporter.

## OVERVIEW FOR 2017/18

Global rice production rose again to a new record this month, with higher production in South and Southeast Asia as well as Sub-Saharan Africa. Imports are also at a record level, led by higher purchases by Indonesia, which in turn leads to larger exports from Vietnam. Global stocks are down marginally this month with the largest reductions in Southeast Asia and Sub-Saharan Africa.

## RICE PRICES

**Global:** U.S. FOB export quotes for long-grain milled rice (bagged) rose this month to the highest level in 4 years at \$620/ton. South American quotes remained constant since last month with the onset of harvest. Uruguayan quotes remain at \$522/ton. Thai quotes rose this month to \$446/ton. Interestingly, two origins that tend to have lower quotes, Vietnam and Pakistan, saw their quotes rise higher than Thai quotes this month to \$462/ton and \$455/ton, respectively. Consistent demand from Indonesia and the Philippines has continued pushing Vietnamese and Pakistani quotes higher. Meanwhile, Indian quotes remained flat rising marginally to \$415/ton.



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

## TRADE CHANGES IN 2018 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
<b>Burkina</b>	Imports	420	<b>550</b>	↑	130 Continued growth in per capita consumption
<b>Indonesia</b>	Imports	1,300	<b>1,800</b>	↑	500 Large recent government purchases
<b>Mali</b>	Imports	100	<b>250</b>	↑	150 Continued growth in per capita consumption
<b>Sri Lanka</b>	Imports	500	<b>400</b>	↓	-100 Increased import tariff in response to larger domestic crop
<b>Vietnam</b>	Exports	6,700	<b>6,800</b>	↑	100 Increased demand from Indonesia

## TRADE CHANGES IN 2017 (1,000 MT)

Country	Attribute	Previous	Current	Change	Reason
<b>Burkina</b>	Imports	380	<b>500</b>	↑	120 Final Trade Data
<b>China</b>	Imports	5,500	<b>5,900</b>	↑	400 Final Trade Data
<b>European Union</b>	Imports	1,875	<b>1,985</b>	↑	110 Final Trade Data
<b>Iran</b>	Imports	1,600	<b>1,500</b>	↓	-100 Final Trade Data
<b>Madagascar</b>	Imports	475	<b>680</b>	↑	205 Final Trade Data
<b>Malaysia</b>	Imports	1,000	<b>900</b>	↓	-100 Final Trade Data
<b>Mali</b>	Imports	100	<b>200</b>	↑	100 Final Trade Data
<b>Saudi Arabia</b>	Imports	1,300	<b>1,195</b>	↓	-105 Final Trade Data
<b>Senegal</b>	Imports	1,000	<b>1,100</b>	↑	100 Final Trade Data

# COARSE GRAINS

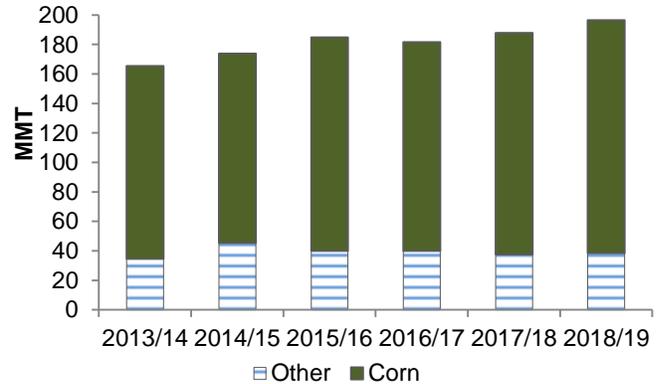
## OVERVIEW FOR 2018/19

Global coarse grain production is projected to rise, driven by corn, barley, and sorghum. However, ending stocks are projected to fall.

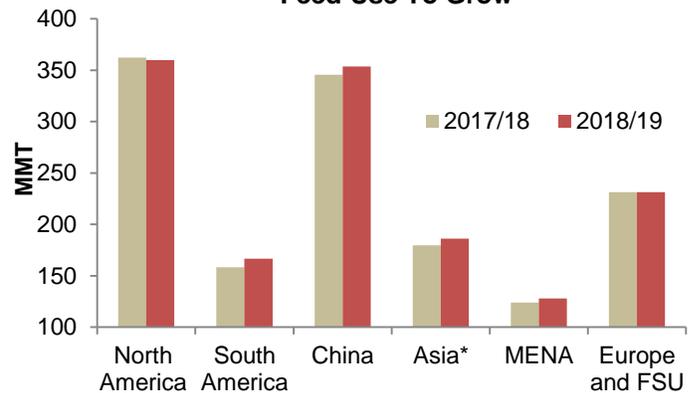
Global **corn** production is projected up with larger crops for **Argentina, Brazil, China, Russia,** and **Ukraine** more than offsetting a reduction for the **United States**. U.S. production is projected to fall based on smaller planted area in the March *Prospective Plantings* report and a decline in yield, while other countries expand area responding to relatively strong prices and rising demand for feed and industrial uses. Consumption is expected to outpace production for the second year in a row, driven by the livestock and poultry sectors particularly for Southeast Asia and South America. Greater consumption draws down global ending stocks to their lowest level since 2012/13.

World **barley** production is projected up with gains for the **European Union, Australia,** and **Turkey** more than offsetting reductions for **Ukraine** and **Russia**. Global consumption is forecast down largely due to Ukraine and Russia reacting to more favorable export prospects. Global trade is projected slightly higher, driven by steady growth for countries in the Middle East and rising demand from **China**. China is expected to remain the world's top importer, as the country turns to barley to partially offset a decline in sorghum imports from the **United States**. Global ending stocks are set to fall to the lowest since 1983/84.

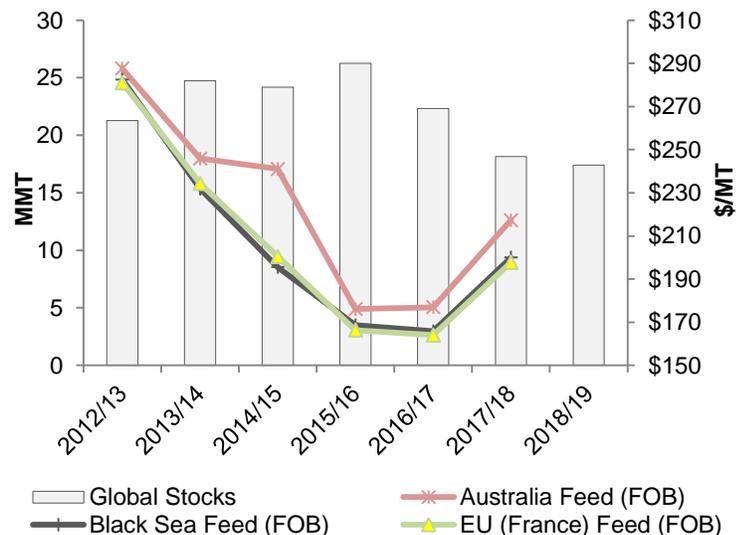
## Global Trade To Expand



## Feed Use To Grow



## Declining Barley Stocks Prop Up Global Prices\*



\*Note: "Asia" includes all countries in East, Southeast, and South Asia excluding China. Prices are yearly FOB averages dating from October to the following September for the respective year. For 2017/18, this reflects averages from October to April.

Global **sorghum** production is forecast higher with gains for **Australia, Burkina Faso, Sudan, China, and Nigeria** more than offsetting reductions for the **United States, Mali, and Niger**. Global consumption is expected at the same level as last year led by the United States. Global trade is projected smaller with lower imports for China based on China's preliminary anti-dumping duty on U.S. sorghum. Global ending stocks fall to the lowest level since 2006/07.

### Selected Importers

- **China corn** is projected up 1.0 million tons to 5.0 million, reflecting continued strong demand for competitively priced feed grains particularly in southern provinces. The release of corn stocks to tame rising domestic corn prices is not expected to limit imports as auctioning stocks has mainly been in the northern provinces. **Barley** imports are expected to rise 1.3 million tons to 9.5 million, partially offsetting demand for sorghum. **Sorghum** imports are projected to fall sharply by 3.4 million tons to 1.1 million without supplies from the United States.
- **Iran corn** is projected up 500,000 tons to 9.0 million with strong feed demand.
- **Mexico corn** is projected up 500,000 tons to a record 16.7 million on growing feed demand for the livestock sector. The country mainly produces white corn that is used for food, while importing yellow corn for feed use primarily from the United States. **Sorghum** is expected to double to 2.0 million tons to satisfy growing feed demand.
- **Vietnam corn** is projected up 1.5 million tons to a record 11.0 million on a lower domestic crop and prospects for continued growth in feed use for the swine and poultry industries.
- **Saudi Arabia corn** is forecast up 500,000 tons to 5.0 million with government efforts to modernize the feed industry by boosting compound feed production drive this growth. **Barley** imports are expected to remain flat.
- **Turkey barley** is projected to fall 500,000 tons to 100,000 on a large crop and a re-implication of barley tariffs. Feed demand is still projected to grow.
- **Japan sorghum** is forecast up 800,000 tons to 1.4 million on expected shifts in feed rations and as a result of U.S. sorghum pricing itself back into traditional markets.

### Selected Exporters

- **U.S. corn** is projected 4.0 million tons lower to 53.0 million on strong competition primarily from Ukraine and Russia as well as South America. **Sorghum** is forecast down 1.0 million tons to 4.2 million because of China's high preliminary anti-dumping duty on U.S. sorghum. China had been the top destination.
- **Argentina corn** is projected to surge 2.0 million tons to a record 27.0 million on a crop expected to match the record harvest of 2 years prior. Rising global demand for feed in the Middle East and North Africa (MENA), as well as in Vietnam and Bangladesh is expected to underpin record shipments.

- **Brazil corn** is forecast up 2.0 million tons to 31.0 million on expected record second crop production and strong demand in developing countries. Imports are expected at 0.8 million tons, the same level as the previous year, reflecting relatively tight supplies in southern states where animal production is concentrated.
- **EU corn** is projected down 500,000 tons to 1.5 million while imports are lowered by the same amount to 16.0 million on large carryin supplies and greater barley production. **Barley** exports are forecast up 800,000 tons to 7.0 million reflecting a larger crop and expectations for robust global demand.
- **Ukraine corn** is forecast up 4.0 million tons to a record 24.0 million on expected demand growth in China and MENA in addition to tighter exportable supplies in CY 2018 from major exporters in South America. **Barley** exports are projected down 900,000 tons to 4.0 million on smaller crop prospects.
- **Russia corn** is forecast up 2.7 million tons to 7.5 million with expected robust demand from MENA and East Asia. **Barley** is forecast up 100,000 tons to 5.5 million even with a smaller expected crop, due to lower exportable supplies from other major exporters.
- **Australia barley** is forecast up 1.2 million tons to 7.0 million on a large crop and robust demand from Asia, particularly China, and the Middle East. **Sorghum** is forecast up 900,000 tons to 1.1 million on a larger crop and China demand.
- **Canada barley** is forecast down 500,000 tons to 1.5 million. Despite a larger expected crop, malting barley volumes are projected to be smaller and ample global supplies increase competition for feed barley exports.

Note: For 2018/19, several countries have been added to the PSD system for barley and oats.

For barley, Vietnam and Thailand were included to reflect notable growth in feed and malting barley consumption. Respectively, Vietnam recently opened the largest malting facility in Southeast Asia with expectations for growth in domestic beer production.

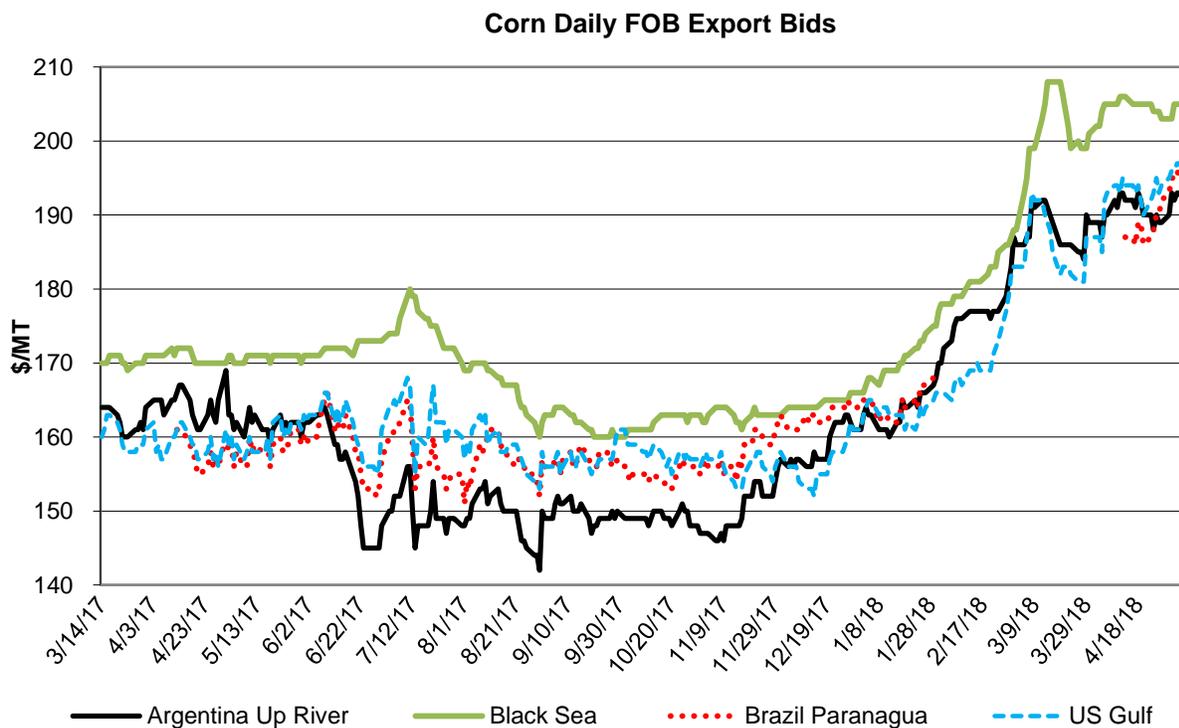
For oats, South Korea and India were added owing to the countries' growing roles in oats global trade. Oats consumed as food for human consumption has been the primary driver behind recent demand growth for both countries.

## OVERVIEW FOR 2017/18

For 2017/18, global corn production is up fractionally from last month as gains for many Sub-Saharan Africa countries virtually offset large reductions for Brazil and Iran. Global consumption and trade are changed slightly as stepped-up exports for Argentina and the United States offset a reduction for Brazil. The U.S. season-average farm price is up \$0.05 to \$3.40 per bushel.

## CORN PRICES

Global: Corn prices are mostly unchanged from the previous WASDE. Argentine bids rose \$1/ton to \$191, while Brazil prices were recorded for the first time since January ending at \$193. Black Sea bids and U.S. prices were mostly unchanged at \$205 and \$195 respectively, reflecting incoming Argentina supplies capping a rise in global prices amidst robust foreign demand.



## TRADE CHANGES IN 2017/18 (1,000 MT)

Country	Commodity	Attribute	Previous	Current	Change	Reason
Argentina	Corn	Exports	24,000	25,000	↑ 1,000	Expected to displace Brazil exports
Brazil	Corn	Exports	31,000	29,000	↓ -2,000	Smaller crop
Canada	Barley	Exports	1,500	2,000	↑ 500	Strong demand particularly from China
China	Barley	Imports	7,200	8,200	↑ 1,000	Stronger purchases to date from Canada and Australia
	Sorghum	Imports	5,600	4,500	↓ -1,100	Prohibitive duty on U.S. sorghum
Ecuador	Corn	Imports	400	150	↓ -250	Slower pace to date
Egypt	Corn	Imports	10,000	9,400	↓ -600	Larger crop and slower pace to date
European Union	Corn	Imports	16200	16500	↑ 300	Customs data implies a strong pace
Jordan	Corn	Imports	1,000	800	↓ -200	Slower pace to date and weaker demand from poultry feed sector
Libya	Barley	Imports	1,300	1,000	↓ -300	Slower pace to date
Mexico	Sorghum	Imports	200	1,000	↑ 800	On expectations of redirected sales and shipments amid China's prohibitive duty
Tunisia	Corn	Imports	1,300	1,100	↓ -200	Slower pace to date
United States	Corn	Exports	56,000	57,000	↑ 1,000	Stronger sales and shipments, as well as reduced second crop corn in Brazil

**All Grain Summary Comparison**  
**Million Metric Tons**

Marketing Year	Wheat			Rice, Milled			Corn			
	2016/17	2017/18	2018/19	2016/17	2017/18	2018/19	2016/17	2017/18	2018/19	
<b>Production</b>										
United States	(Jun-May)	62.8	47.4	49.6	7.1	5.7	6.5	384.8	371.0	356.6
Other		687.7	711.0	698.2	479.6	482.5	483.0	693.5	665.7	699.5
<b>World Total</b>		750.5	758.4	747.8	486.7	488.2	489.5	1,078.3	1,036.7	1,056.1
<b>Domestic Consumption</b>										
United States	(Jun-May)	31.8	29.8	31.2	4.2	3.8	3.9	313.9	318.5	317.3
Other		702.9	713.3	719.1	472.6	477.7	481.8	722.9	745.6	769.5
<b>World Total</b>		734.7	743.1	750.3	476.8	481.5	485.7	1,036.8	1,064.1	1,086.8
<b>Ending Stocks</b>										
United States	(Jun-May)	32.1	29.1	26.0	1.5	1.1	1.3	58.3	55.4	42.7
Other		223.8	241.4	238.3	135.3	142.7	143.4	169.2	139.4	116.4
<b>World Total</b>		255.9	270.5	264.3	136.8	143.8	144.7	227.5	194.8	159.1
<b>TY Imports</b>										
United States	(Jun-May)	3.3	4.2	3.7	0.8	0.8	0.8	1.5	1.3	1.3
Other		175.9	176.3	181.2	44.5	45.6	45.7	138.1	145.4	152.0
<b>World Total</b>		179.2	180.5	184.9	45.3	46.4	46.5	139.6	146.7	153.3
<b>TY Exports</b>										
United States	(Jun-May)	29.5	24.0	25.0	3.4	3.2	3.3	55.5	57.0	53.0
Other		152.7	159.7	162.6	44.7	45.7	46.2	86.2	93.3	104.6
<b>World Total</b>		182.2	183.7	187.6	48.1	48.9	49.5	141.7	150.3	157.6

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**

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>TY Exports</b>						
Argentina	1,675	4,200	8,750	12,275	14,300	13,500
Australia	18,339	16,575	15,780	22,061	16,000	17,000
Canada	22,156	24,883	22,118	20,235	22,800	23,500
China	889	803	729	748	1,000	1,200
European Union	32,032	35,455	34,686	27,319	24,000	29,000
Kazakhstan	8,000	5,507	7,600	7,250	8,500	8,000
Russia	18,609	22,800	25,543	27,809	39,500	36,500
Serbia	1,198	593	880	1,043	800	1,400
Turkey	4,293	4,135	5,605	6,177	6,200	6,000
Ukraine	9,755	11,269	17,431	18,107	17,200	17,000
Others	14,004	12,657	11,073	9,723	9,354	9,458
<b>Subtotal</b>	130,950	138,877	150,195	152,747	159,654	162,558
<b>United States</b>	31,529	23,023	21,811	29,488	24,000	25,000
<b>World Total</b>	162,479	161,900	172,006	182,235	183,654	187,558
<b>TY Imports</b>						
Afghanistan	2,050	2,000	2,700	2,700	2,600	3,500
Algeria	7,484	7,257	8,153	8,414	8,000	7,500
Bangladesh	3,354	3,929	4,720	5,556	6,400	7,000
Brazil	7,061	5,869	5,922	7,788	6,700	7,500
China	6,773	1,926	3,476	4,410	4,000	4,000
Colombia	1,746	1,627	2,032	2,110	1,900	2,000
Egypt	10,150	11,300	11,925	11,236	12,000	12,500
European Union	3,976	5,979	6,916	5,286	5,500	5,500
Indonesia	7,391	7,477	10,045	10,176	12,500	12,500
Iraq	3,246	2,253	2,218	2,447	3,800	3,600
Japan	6,123	5,878	5,715	5,911	6,000	5,800
Kenya	1,473	1,507	1,634	1,774	2,350	2,450
Korea, South	4,288	3,942	4,420	4,667	4,400	4,600
Mexico	4,639	4,471	4,805	5,370	5,200	5,500
Morocco	3,928	4,086	4,503	5,191	3,500	3,000
Nigeria	4,580	4,244	4,410	4,972	5,200	5,500
Peru	1,853	1,922	1,879	1,961	2,100	2,100
Philippines	3,476	5,054	4,918	5,704	5,800	5,800
Saudi Arabia	3,441	3,499	2,931	3,716	3,300	3,400
Sudan	2,664	2,632	2,021	2,458	2,600	2,700
Thailand	1,759	3,492	4,872	3,689	3,000	3,100
Turkey	4,147	5,960	4,405	4,542	6,000	4,500
Uzbekistan	2,224	2,230	2,662	2,700	3,000	3,200
Vietnam	2,157	2,292	3,070	5,546	4,200	4,500
Yemen	3,425	3,245	3,332	3,278	3,400	3,400
Others	51,970	50,743	51,923	54,257	52,871	56,031
<b>Subtotal</b>	155,378	154,814	165,607	175,859	176,321	181,181
<b>Unaccounted</b>	2,316	3,097	3,345	3,079	3,133	2,677
<b>United States</b>	4,785	3,989	3,054	3,297	4,200	3,700
<b>World Total</b>	162,479	161,900	172,006	182,235	183,654	187,558

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>Production</b>						
Argentina	10,500	13,930	11,300	18,400	18,000	19,500
Australia	25,303	23,743	22,275	30,363	21,500	24,000
Canada	37,589	29,442	27,647	32,140	30,000	32,500
China	121,930	126,208	130,190	128,845	129,770	129,000
Egypt	8,250	8,300	8,100	8,100	8,450	8,450
European Union	144,583	156,912	160,480	145,369	151,581	150,400
India	93,506	95,850	86,530	87,000	98,510	95,000
Iran	14,000	13,000	14,500	14,500	14,000	14,500
Kazakhstan	13,941	12,996	13,748	14,985	14,802	14,000
Morocco	6,934	5,116	8,064	2,731	7,092	8,200
Pakistan	24,211	25,979	25,086	25,633	26,674	25,500
Russia	52,091	59,080	61,044	72,529	84,992	72,000
Turkey	18,750	15,250	19,500	17,250	21,000	20,000
Ukraine	22,278	24,750	27,274	26,791	26,981	26,500
Uzbekistan	6,800	7,150	7,200	6,940	6,900	6,000
Others	55,878	55,335	56,903	56,080	50,758	52,638
<b>Subtotal</b>	656,544	673,041	679,841	687,656	711,010	698,188
<b>United States</b>	58,105	55,147	56,117	62,833	47,371	49,568
<b>World Total</b>	714,649	728,188	735,958	750,489	758,381	747,756
<b>Total Consumption</b>						
Algeria	9,850	10,050	10,250	10,350	10,450	10,600
Brazil	11,400	10,700	11,100	12,200	12,000	12,200
Canada	9,454	9,118	7,972	10,828	9,000	9,600
China	116,500	116,500	112,000	118,500	117,000	120,000
Egypt	18,500	19,100	19,200	19,400	19,700	20,000
European Union	117,300	124,677	129,850	128,000	130,900	129,500
India	93,848	93,102	88,551	97,120	97,310	98,000
Indonesia	7,165	7,365	9,100	10,000	12,100	12,500
Iran	16,250	16,400	16,600	16,750	16,900	17,100
Morocco	9,000	9,000	9,800	10,200	10,300	10,500
Pakistan	24,100	24,500	24,400	24,500	25,000	25,300
Russia	34,100	35,500	37,000	40,000	45,000	42,000
Turkey	17,750	17,500	18,000	17,400	18,000	18,000
Ukraine	11,500	11,500	12,200	10,300	9,900	9,600
Uzbekistan	8,400	8,900	9,350	9,300	9,700	9,700
Others	150,622	154,100	160,931	168,102	170,025	174,496
<b>Subtotal</b>	663,198	672,726	678,999	707,085	713,982	722,673
<b>United States</b>	34,260	31,328	31,942	31,753	29,828	31,217
<b>World Total</b>	697,458	704,054	710,941	738,838	743,810	753,890
<b>Ending Stocks</b>						
Canada	10,398	7,101	5,178	6,835	5,335	5,235
China	65,274	76,105	97,042	111,049	126,819	138,619
European Union	9,938	12,697	15,557	10,893	13,074	10,474
India	17,830	17,220	14,540	9,800	11,754	10,354
Morocco	4,317	4,281	6,856	4,544	4,776	5,426
Russia	5,177	6,287	5,607	10,830	11,722	5,722
Turkey	3,129	2,767	3,118	1,327	4,127	4,627
Others	62,963	72,290	69,792	68,484	63,731	57,896
<b>Subtotal</b>	179,026	198,748	217,690	223,762	241,338	238,353
<b>United States</b>	16,065	20,477	26,552	32,131	29,126	25,977
<b>World Total</b>	195,091	219,225	244,242	255,893	270,464	264,330

## Regional Wheat Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	2017/18	May 2018/19
<b>TY Imports</b>						
North America	9,839	9,004	8,373	9,173	9,900	9,700
Central America	1,833	1,834	1,834	1,993	2,000	2,075
South America	14,678	13,217	13,437	16,276	15,210	16,260
European Union - 28	3,976	5,979	6,916	5,286	5,500	5,500
Other Europe	1,858	1,760	1,838	1,986	1,850	1,875
Former Soviet Union - 12	7,528	7,678	7,402	7,338	8,190	8,720
Middle East	28,447	26,928	24,499	22,774	25,130	24,370
North Africa	25,246	25,430	27,873	28,334	26,850	26,275
Sub-Saharan Africa	20,345	20,894	22,810	22,153	25,955	27,170
East Asia	19,465	14,114	16,226	17,355	16,920	16,865
South Asia	6,722	8,164	8,823	15,469	11,171	13,691
Southeast Asia	17,176	20,576	25,483	27,761	28,350	28,830
Others	3,050	3,225	3,147	3,258	3,495	3,550
<b>Total</b>	<b>160,163</b>	<b>158,803</b>	<b>168,661</b>	<b>179,156</b>	<b>180,521</b>	<b>184,881</b>
<b>Production</b>						
North America	99,051	88,259	87,475	98,838	80,871	85,338
South America	19,803	24,587	21,601	28,835	25,137	27,654
European Union - 28	144,583	156,912	160,480	145,369	151,581	150,400
Other Europe	4,228	4,088	4,359	4,749	4,139	4,930
Former Soviet Union - 12	103,824	112,380	117,902	130,087	142,196	127,440
Middle East	41,208	35,414	42,405	38,791	41,525	40,860
North Africa	19,661	17,029	19,976	14,081	19,246	21,100
Sub-Saharan Africa	7,204	7,375	7,694	7,751	7,344	7,569
East Asia	123,248	127,650	131,515	130,148	131,198	130,383
South Asia	125,900	130,150	119,663	120,837	133,099	127,491
Oceania	25,751	24,157	22,689	30,822	21,909	24,460
Others	188	187	199	181	136	131
<b>Total</b>	<b>714,649</b>	<b>728,188</b>	<b>735,958</b>	<b>750,489</b>	<b>758,381</b>	<b>747,756</b>
<b>Domestic Consumption</b>						
North America	50,364	47,296	46,914	50,481	46,578	48,717
South America	27,321	27,065	27,715	28,645	28,340	29,010
European Union - 28	117,300	124,677	129,850	128,000	130,900	129,500
Other Europe	4,857	4,875	4,940	5,045	5,050	5,140
Former Soviet Union - 12	72,750	74,985	77,700	78,650	84,005	80,910
Middle East	58,014	57,257	58,910	59,061	60,585	60,730
North Africa	42,475	42,726	43,666	44,550	45,075	45,775
Sub-Saharan Africa	26,323	27,104	29,144	29,847	32,334	33,864
East Asia	130,201	129,523	125,274	132,255	130,495	133,785
South Asia	132,024	132,399	128,915	139,220	140,531	141,967
Southeast Asia	16,610	19,295	23,131	26,375	27,030	28,215
Oceania	8,280	8,564	8,505	8,740	8,220	8,655
Others	3,480	3,574	3,582	3,834	3,970	4,045
<b>Total</b>	<b>689,999</b>	<b>699,340</b>	<b>708,246</b>	<b>734,703</b>	<b>743,113</b>	<b>750,313</b>
<b>Ending Stocks</b>						
North America	26,988	28,290	32,390	39,842	35,287	31,908
South America	6,397	8,376	3,990	4,735	3,713	3,711
European Union - 28	9,938	12,697	15,557	10,893	13,074	10,474
Other Europe	1,009	1,321	1,603	1,970	1,929	2,014
Former Soviet Union - 12	15,837	20,670	16,791	21,145	21,196	13,821
Middle East	19,284	20,024	22,118	18,582	17,597	14,962
North Africa	14,045	13,216	16,628	13,951	14,157	15,072
Sub-Saharan Africa	2,842	2,979	3,789	2,944	3,364	3,319
East Asia	68,314	79,217	100,404	114,270	130,263	141,879
South Asia	21,661	23,109	21,026	16,656	18,839	16,544
Southeast Asia	3,491	3,921	5,413	5,857	6,142	5,697
Oceania	4,861	4,960	4,115	4,610	4,489	4,509
Others	424	445	418	438	414	420
<b>Total</b>	<b>195,091</b>	<b>219,225</b>	<b>244,242</b>	<b>255,893</b>	<b>270,464</b>	<b>264,330</b>

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**

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>TY Exports</b>						
Argentina	494	310	527	392	400	400
Australia	404	323	165	187	325	325
Brazil	852	895	641	594	750	700
Burma	1,688	1,735	1,300	3,350	3,500	3,500
Cambodia	1,000	1,150	1,050	1,150	1,250	1,300
China	393	262	368	1,173	1,600	1,800
European Union	284	251	270	369	300	300
Guyana	446	486	431	440	460	470
India	11,588	11,046	10,040	12,560	13,200	13,000
Pakistan	3,700	4,000	4,100	3,642	4,000	4,000
Paraguay	380	371	557	500	550	650
Russia	187	163	198	175	160	170
Thailand	10,969	9,779	9,867	11,615	10,500	11,000
Uruguay	957	718	996	1,051	860	800
Vietnam	6,325	6,606	5,088	6,488	6,800	6,800
Others	1,568	1,238	1,209	1,022	1,105	991
<b>Subtotal</b>	<b>41,235</b>	<b>39,333</b>	<b>36,807</b>	<b>44,708</b>	<b>45,760</b>	<b>46,206</b>
<b>United States</b>	<b>2,947</b>	<b>3,381</b>	<b>3,373</b>	<b>3,384</b>	<b>3,150</b>	<b>3,300</b>
<b>World Total</b>	<b>44,182</b>	<b>42,714</b>	<b>40,180</b>	<b>48,092</b>	<b>48,910</b>	<b>49,506</b>
<b>TY Imports</b>						
Bangladesh	1,335	598	35	2,348	1,800	1,100
Benin	350	400	450	525	550	650
Brazil	586	363	786	768	650	700
Burkina	330	350	420	500	550	600
Cameroon	525	500	500	600	650	700
China	4,450	5,150	4,600	5,900	5,500	5,500
Cote d'Ivoire	950	1,150	1,300	1,350	1,500	1,650
European Union	1,556	1,786	1,816	1,985	1,900	2,000
Ghana	590	580	700	650	700	680
Guinea	520	420	650	700	775	800
Indonesia	1,225	1,350	1,050	350	1,800	1,200
Iran	1,400	1,300	1,100	1,500	1,300	1,400
Iraq	1,080	1,000	930	1,060	1,100	1,150
Japan	669	688	685	679	685	685
Kenya	440	450	500	675	700	750
Malaysia	989	1,051	823	900	900	1,000
Mexico	685	719	731	910	860	880
Mozambique	590	575	625	710	725	750
Nepal	520	530	530	534	600	600
Nigeria	3,200	2,100	2,100	2,500	2,600	3,000
Philippines	1,800	2,000	800	1,200	1,400	1,100
Saudi Arabia	1,459	1,601	1,260	1,195	1,250	1,300
Senegal	960	990	980	1,100	1,150	1,250
South Africa	910	912	954	1,054	1,000	1,000
United Arab Emirates	560	580	670	750	825	900
Others	12,707	12,238	11,894	14,085	14,119	14,345
<b>Subtotal</b>	<b>40,386</b>	<b>39,381</b>	<b>36,889</b>	<b>44,528</b>	<b>45,589</b>	<b>45,690</b>
<b>Unaccounted</b>	<b>3,041</b>	<b>2,576</b>	<b>2,523</b>	<b>2,777</b>	<b>2,496</b>	<b>2,991</b>
<b>United States</b>	<b>755</b>	<b>757</b>	<b>768</b>	<b>787</b>	<b>825</b>	<b>825</b>
<b>World Total</b>	<b>44,182</b>	<b>42,714</b>	<b>40,180</b>	<b>48,092</b>	<b>48,910</b>	<b>49,506</b>

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**

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>Milled Production</b>						
Bangladesh	34,390	34,500	34,500	34,578	32,650	34,700
Brazil	8,300	8,465	7,210	8,383	8,075	8,024
Burma	11,957	12,600	12,160	12,650	13,200	13,400
Cambodia	4,960	4,925	4,931	5,256	5,399	5,500
China	142,530	144,560	145,770	144,953	145,989	144,500
India	106,646	105,482	104,408	109,698	110,000	109,000
Indonesia	36,300	35,560	36,200	36,858	37,000	37,300
Japan	7,931	7,849	7,670	7,780	7,586	7,600
Korea, South	4,230	4,241	4,327	4,197	3,972	3,850
Nepal	3,361	3,190	2,863	3,480	3,310	3,330
Nigeria	3,038	3,782	3,941	3,780	3,780	3,780
Pakistan	6,798	7,003	6,802	6,849	7,500	7,400
Philippines	11,858	11,915	11,000	11,686	12,300	12,350
Thailand	20,460	18,750	15,800	19,200	20,370	21,000
Vietnam	28,161	28,166	27,584	27,400	28,580	28,675
Others	41,950	41,672	41,953	42,804	42,859	42,639
<b>Subtotal</b>	<b>472,870</b>	<b>472,660</b>	<b>467,119</b>	<b>479,552</b>	<b>482,570</b>	<b>483,048</b>
<b>United States</b>	<b>6,117</b>	<b>7,106</b>	<b>6,133</b>	<b>7,117</b>	<b>5,659</b>	<b>6,452</b>
<b>World Total</b>	<b>478,987</b>	<b>479,766</b>	<b>473,252</b>	<b>486,669</b>	<b>488,229</b>	<b>489,500</b>
<b>Consumption and Residual</b>						
Bangladesh	34,900	35,100	35,100	35,000	35,200	35,600
Brazil	7,900	7,925	7,900	8,000	8,100	8,150
Burma	10,450	10,500	10,400	10,000	9,900	9,900
Cambodia	4,000	3,900	3,900	4,000	4,100	4,200
China	139,770	140,334	140,799	141,448	142,700	145,000
Egypt	4,000	4,000	3,900	4,300	4,400	4,200
India	98,727	98,244	93,568	95,776	97,350	98,000
Indonesia	38,500	38,300	37,850	37,800	38,000	38,200
Japan	8,380	8,600	8,600	8,500	8,450	8,400
Korea, South	4,422	4,197	4,212	4,706	4,870	4,500
Nepal	3,831	3,770	3,353	4,010	3,910	3,930
Nigeria	5,800	6,100	6,400	6,550	6,700	6,900
Philippines	12,850	13,000	12,900	12,900	13,200	13,400
Thailand	10,600	10,000	9,100	12,000	11,170	10,000
Vietnam	22,000	22,000	22,500	22,000	22,000	22,200
Others	61,424	61,526	62,450	65,632	67,640	69,244
<b>Subtotal</b>	<b>471,902</b>	<b>469,578</b>	<b>464,897</b>	<b>478,486</b>	<b>477,380</b>	<b>484,756</b>
<b>United States</b>	<b>3,978</b>	<b>4,284</b>	<b>3,580</b>	<b>4,171</b>	<b>3,811</b>	<b>3,874</b>
<b>World Total</b>	<b>475,880</b>	<b>473,862</b>	<b>468,477</b>	<b>482,657</b>	<b>481,191</b>	<b>488,630</b>
<b>Ending Stocks</b>						
Bangladesh	966	1,592	1,205	849	1,895	1,995
China	60,500	69,000	78,500	86,500	93,989	97,289
India	22,800	17,800	18,400	20,550	20,000	18,000
Indonesia	5,501	4,111	3,509	2,915	3,713	4,011
Japan	3,007	2,821	2,552	2,491	2,262	2,097
Philippines	1,695	2,410	2,110	1,996	2,496	2,546
Thailand	11,999	11,270	8,403	4,238	3,188	3,438
Others	14,592	17,433	16,610	15,775	15,183	14,023
<b>Subtotal</b>	<b>121,060</b>	<b>126,437</b>	<b>131,289</b>	<b>135,314</b>	<b>142,726</b>	<b>143,399</b>
<b>United States</b>	<b>1,025</b>	<b>1,552</b>	<b>1,475</b>	<b>1,462</b>	<b>1,088</b>	<b>1,285</b>
<b>World Total</b>	<b>122,085</b>	<b>127,989</b>	<b>132,764</b>	<b>136,776</b>	<b>143,814</b>	<b>144,684</b>

Note: All data are reported on a milled basis.

## Regional Rice Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	2017/18	May 2018/19
<b>TY Imports</b>						
North America	1,801	1,838	1,855	2,061	2,055	2,085
Caribbean	892	1,154	1,109	1,132	1,220	1,265
South America	1,814	1,686	2,015	1,915	1,784	1,710
Other Europe	132	128	138	124	130	130
Former Soviet Union - 12	628	572	452	573	580	605
Middle East	6,711	6,464	5,683	6,390	6,455	6,785
North Africa	470	396	483	459	490	650
Sub-Saharan Africa	12,658	11,313	12,179	14,619	15,305	16,230
East Asia	6,044	6,686	6,097	7,528	7,140	7,140
South Asia	2,576	1,693	945	4,009	3,250	2,575
Southeast Asia	5,023	5,677	3,933	3,676	5,255	4,460
European Union	1,556	1,786	1,816	1,985	1,900	2,000
<b>Total</b>	<b>41,141</b>	<b>40,138</b>	<b>37,657</b>	<b>45,315</b>	<b>46,414</b>	<b>46,515</b>
<b>Production</b>						
North America	6,248	7,285	6,289	7,292	5,847	6,657
Caribbean	1,054	979	865	981	1,021	1,018
South America	16,519	16,783	15,633	16,698	16,588	16,420
European Union - 28	1,937	1,954	2,050	2,078	2,037	2,004
Former Soviet Union - 12	1,205	1,180	1,257	1,259	1,225	1,237
Middle East	2,417	2,245	2,392	2,284	2,446	2,360
North Africa	4,776	4,553	4,044	4,837	4,340	3,342
Sub-Saharan Africa	14,434	15,246	16,114	16,540	16,301	17,007
East Asia	157,701	159,486	160,179	159,674	160,235	158,688
South Asia	154,255	153,259	152,213	156,927	156,296	157,386
Southeast Asia	117,102	115,592	111,401	116,821	120,670	122,096
<b>Total</b>	<b>478,987</b>	<b>479,766</b>	<b>473,252</b>	<b>486,669</b>	<b>488,229</b>	<b>489,500</b>
<b>Domestic Consumption</b>						
North America	5,212	5,517	4,807	5,440	5,093	5,186
Central America	1,194	1,196	1,296	1,294	1,280	1,355
Caribbean	1,981	2,029	1,975	2,066	2,173	2,233
South America	14,790	14,928	14,967	14,901	15,203	15,119
European Union - 28	3,250	3,400	3,550	3,600	3,650	3,700
Former Soviet Union - 12	1,607	1,503	1,498	1,589	1,595	1,634
Middle East	9,140	9,000	8,449	8,788	8,945	9,085
North Africa	4,452	4,407	4,279	4,724	4,880	4,692
Sub-Saharan Africa	26,561	27,017	28,166	30,466	31,621	32,848
East Asia	156,184	156,400	156,433	157,818	159,145	161,125
South Asia	143,331	143,183	138,767	141,641	143,735	144,930
Southeast Asia	103,113	102,642	101,770	103,895	103,596	103,181
<b>Total</b>	<b>471,532</b>	<b>471,780</b>	<b>466,512</b>	<b>476,793</b>	<b>481,501</b>	<b>485,698</b>
<b>Ending Stocks</b>						
North America	1,184	1,717	1,602	1,634	1,298	1,550
Central America	201	219	267	276	262	261
Caribbean	264	223	231	286	342	382
South America	1,852	2,211	1,610	1,858	1,955	1,801
European Union - 28	1,163	1,151	1,183	1,183	1,170	1,174
Middle East	1,777	1,742	1,214	1,133	1,034	1,034
North Africa	610	924	924	1,426	1,326	606
Sub-Saharan Africa	3,001	3,342	2,822	2,566	2,326	2,305
East Asia	64,694	73,483	83,126	91,060	97,877	100,770
South Asia	24,920	21,531	21,576	23,160	23,862	21,793
Southeast Asia	22,012	21,036	17,973	11,819	11,971	12,644
Oceania	241	223	77	208	229	214
<b>Total</b>	<b>122,085</b>	<b>127,989</b>	<b>132,764</b>	<b>136,776</b>	<b>143,814</b>	<b>144,684</b>

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**

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>TY Exports</b>						
Argentina	16,630	21,003	25,290	26,105	28,055	30,005
Australia	7,004	7,286	6,389	10,265	6,625	8,825
Brazil	22,059	21,954	35,415	19,797	29,015	31,015
Canada	5,482	3,604	4,693	4,997	5,050	4,800
European Union	7,841	15,068	10,975	8,174	8,505	8,805
Paraguay	2,718	3,031	2,663	1,767	2,015	2,015
Russia	7,074	9,155	8,465	9,258	10,265	13,060
Serbia	1,799	3,001	1,593	2,447	750	1,550
South Africa	2,128	762	764	2,135	1,910	2,110
Ukraine	24,125	24,208	21,457	26,868	25,110	28,210
Others	11,706	8,375	7,958	8,048	8,275	8,475
<b>Subtotal</b>	108,566	117,447	125,662	119,861	125,575	138,870
<b>United States</b>	56,776	56,419	59,230	61,798	63,465	57,335
<b>World Total</b>	165,342	173,866	184,892	181,659	189,040	196,205
<b>TY Imports</b>						
Algeria	4,946	4,863	5,224	4,473	5,325	5,575
Bangladesh	488	482	1,042	1,176	1,500	2,000
Brazil	1,184	1,023	2,123	3,177	1,351	1,550
Chile	1,621	1,707	1,720	1,574	1,830	2,130
China	12,445	25,699	17,499	16,055	17,200	16,100
Colombia	4,795	4,747	4,824	5,034	5,335	5,535
Dominican Republic	1,011	1,202	1,351	1,294	1,400	1,400
Egypt	8,840	7,938	8,795	8,792	9,420	9,720
European Union	16,355	9,408	14,287	15,901	17,255	16,555
Iran	6,600	8,000	8,300	10,000	11,400	11,900
Israel	2,072	1,601	1,505	1,925	1,685	1,685
Japan	17,501	16,726	17,070	16,999	16,770	17,570
Jordan	1,443	1,448	1,713	1,588	1,500	1,500
Korea, South	10,515	10,274	10,213	9,319	9,815	9,835
Libya	1,493	1,685	1,905	1,764	1,800	1,800
Malaysia	3,485	3,221	4,080	3,528	3,500	4,000
Mexico	11,312	11,640	14,881	15,238	17,330	18,810
Morocco	2,858	2,217	3,182	2,526	3,002	2,902
Peru	2,336	2,863	3,083	3,338	3,410	3,560
Saudi Arabia	11,332	11,115	13,992	11,830	12,600	13,010
Taiwan	4,346	3,938	4,781	4,267	4,100	4,100
Tunisia	1,449	1,525	1,713	1,745	1,700	1,775
Turkey	1,977	2,719	713	1,717	2,605	2,305
Venezuela	2,627	2,433	1,738	1,240	1,600	1,600
Vietnam	4,353	6,752	8,679	8,650	9,675	11,175
Others	18,801	20,884	21,809	21,583	18,823	19,088
<b>Subtotal</b>	156,185	166,110	176,222	174,733	181,931	187,180
<b>Unaccounted</b>	5,834	4,460	4,689	3,504	3,829	5,525
<b>United States</b>	3,323	3,296	3,981	3,422	3,280	3,500
<b>World Total</b>	165,342	173,866	184,892	181,659	189,040	196,205

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 Mav
<b>Production</b>						
Argentina	35,665	36,782	38,439	48,569	39,791	48,553
Australia	12,158	12,605	12,544	16,627	10,896	13,756
Brazil	82,634	87,671	68,649	101,575	89,792	98,957
Canada	28,817	22,107	25,769	26,623	26,205	27,375
China	225,062	222,405	231,487	226,867	223,391	232,805
Ethiopia	13,078	14,442	15,149	15,094	13,960	14,180
European Union	159,212	170,670	152,665	152,815	153,077	154,440
India	43,216	43,076	38,701	43,470	45,200	44,100
Indonesia	9,100	9,000	10,500	10,900	11,400	11,900
Mexico	32,065	32,689	32,378	33,263	32,626	31,890
Nigeria	14,633	18,341	19,052	19,111	19,050	19,300
Russia	35,735	40,386	37,427	40,765	41,712	44,925
South Africa	15,518	11,110	8,675	18,116	13,950	14,558
Turkey	13,001	9,311	14,181	10,776	12,971	13,051
Ukraine	40,022	39,389	33,387	39,217	34,071	38,750
Others	155,996	164,317	156,405	162,516	164,339	162,757
<b>Subtotal</b>	915,912	934,301	895,408	966,304	932,431	971,297
<b>United States</b>	367,089	377,234	367,009	402,612	384,255	369,802
<b>World Total</b>	1,283,001	1,311,535	1,262,417	1,368,916	1,316,686	1,341,099
<b>Domestic Consumption</b>						
Argentina	13,695	14,232	14,321	16,044	14,224	16,553
Brazil	58,053	60,009	59,823	64,032	65,461	68,992
Canada	22,353	21,290	21,252	22,084	23,445	23,235
China	223,196	228,709	238,790	252,948	262,180	267,830
Egypt	14,122	14,832	15,803	16,027	16,777	16,978
Ethiopia	13,424	13,680	15,215	15,142	14,135	14,085
European Union	164,401	162,592	157,125	160,840	161,520	163,070
India	37,615	40,474	40,201	42,625	44,625	44,725
Iran	11,520	12,020	14,020	13,820	15,820	16,520
Japan	17,570	16,874	17,257	17,246	17,111	17,914
Mexico	40,935	42,175	44,715	46,845	49,100	51,240
Nigeria	14,668	18,132	18,990	19,456	19,250	19,500
Russia	28,219	31,139	29,715	32,075	31,815	32,125
Turkey	13,326	12,951	14,021	12,891	15,031	15,711
Vietnam	8,253	9,452	12,279	13,040	13,575	14,575
Others	242,325	250,468	250,025	257,905	257,308	260,473
<b>Subtotal</b>	931,471	965,304	945,809	1,028,275	1,026,291	1,049,586
<b>United States</b>	305,044	311,339	312,597	327,479	328,830	328,742
<b>World Total</b>	1,236,515	1,276,643	1,258,406	1,355,754	1,355,121	1,378,328
<b>Ending Stocks</b>						
Argentina	3,169	4,274	3,179	6,601	4,468	6,468
Brazil	14,265	8,235	7,010	14,492	9,759	9,959
Canada	4,712	3,513	4,971	5,639	4,609	4,559
China	82,544	101,917	112,086	101,949	80,280	61,285
European Union	15,565	18,885	15,577	15,310	15,617	14,737
Mexico	3,487	4,832	5,889	6,009	5,560	3,520
Ukraine	3,638	3,291	3,171	2,997	1,986	2,071
Others	47,352	52,042	47,953	45,945	42,473	37,994
<b>Subtotal</b>	174,732	196,989	199,836	198,942	164,752	140,593
<b>United States</b>	34,313	46,948	48,112	62,168	57,923	44,853
<b>World Total</b>	209,045	243,937	247,948	261,110	222,675	185,446

## Regional Coarse Grains Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	2017/18	May 2018/19
<b>TY Imports</b>						
North America	15,349	16,649	19,953	19,579	21,870	22,920
Central America	2,923	3,456	3,938	3,799	3,950	4,000
Caribbean	2,330	2,444	2,597	2,659	2,840	2,840
South America	13,180	13,355	13,854	14,977	14,206	15,140
European Union - 28	16,355	9,408	14,287	15,901	17,255	16,555
Former Soviet Union - 12	807	745	548	828	720	665
Middle East	26,241	27,608	29,730	30,817	32,816	33,426
North Africa	19,586	18,228	20,819	19,300	21,247	21,772
Sub-Saharan Africa	3,134	4,169	6,108	6,648	4,106	4,496
East Asia	44,881	56,684	49,597	46,732	47,935	47,615
Southeast Asia	12,888	14,764	15,853	14,153	14,970	17,255
Others	1,834	1,896	2,919	2,762	3,296	3,996
<b>Total</b>	<b>159,508</b>	<b>169,406</b>	<b>180,203</b>	<b>178,155</b>	<b>185,211</b>	<b>190,680</b>
<b>Production</b>						
North America	427,971	432,030	425,156	462,498	443,086	429,067
South America	133,041	139,743	122,016	163,180	143,191	161,815
European Union - 28	159,212	170,670	152,665	152,815	153,077	154,440
Other Europe	8,992	10,927	9,271	11,328	7,181	9,276
Former Soviet Union - 12	88,007	91,963	82,740	92,737	88,902	97,073
Middle East	21,605	17,036	21,605	18,083	20,582	20,025
North Africa	11,581	10,927	12,289	9,263	11,177	12,032
Sub-Saharan Africa	101,878	109,776	102,613	116,917	114,269	110,232
East Asia	227,452	225,083	234,030	229,507	225,952	235,474
South Asia	54,406	54,388	50,412	56,367	58,737	58,038
Southeast Asia	31,006	30,949	31,992	34,050	34,218	34,243
Oceania	12,804	13,283	13,236	17,244	11,376	14,388
Others	5,046	4,760	4,392	4,927	4,938	4,996
<b>Total</b>	<b>1,283,001</b>	<b>1,311,535</b>	<b>1,262,417</b>	<b>1,368,916</b>	<b>1,316,686</b>	<b>1,341,099</b>
<b>Domestic Consumption</b>						
North America	368,332	374,804	378,564	396,408	401,375	403,217
South America	95,335	98,737	98,552	103,104	104,564	111,286
European Union - 28	164,401	162,592	157,125	160,840	161,520	163,070
Other Europe	7,803	8,347	8,551	8,917	8,062	8,197
Former Soviet Union - 12	56,503	58,467	53,574	56,364	53,794	55,013
Middle East	45,993	45,556	51,650	50,428	53,761	55,121
North Africa	28,059	30,168	32,142	31,043	32,602	33,403
Sub-Saharan Africa	100,845	109,504	108,155	116,336	114,870	113,372
East Asia	257,356	262,487	272,977	286,375	295,844	302,357
South Asia	49,151	52,267	53,492	56,559	60,023	61,120
Southeast Asia	39,117	41,253	44,041	45,968	46,650	48,785
Oceania	5,764	5,846	6,429	6,829	5,466	5,391
Others	10,060	10,340	10,897	11,328	11,676	11,936
<b>Total</b>	<b>1,228,719</b>	<b>1,260,368</b>	<b>1,276,149</b>	<b>1,330,499</b>	<b>1,350,207</b>	<b>1,372,268</b>
<b>Ending Stocks</b>						
North America	42,512	55,293	58,972	73,816	68,092	52,932
South America	21,659	15,927	13,535	24,325	16,941	19,015
European Union - 28	15,565	18,885	15,577	15,310	15,617	14,737
Other Europe	818	1,102	963	1,627	866	1,200
Former Soviet Union - 12	7,409	7,874	6,249	6,806	5,539	5,164
Middle East	9,032	8,999	9,200	5,912	5,834	4,269
North Africa	5,703	5,412	5,875	3,695	3,506	3,997
Sub-Saharan Africa	9,322	12,430	10,186	12,183	12,123	9,864
East Asia	86,556	105,819	116,445	106,160	84,123	64,785
South Asia	4,039	5,259	3,188	4,151	4,516	3,940
Southeast Asia	4,324	4,149	4,997	3,870	3,193	3,291
Oceania	1,145	1,665	1,620	2,057	1,112	1,154
Others	961	1,123	1,141	1,198	1,213	1,098
<b>Total</b>	<b>209,045</b>	<b>243,937</b>	<b>247,948</b>	<b>261,110</b>	<b>222,675</b>	<b>185,446</b>

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**

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>TY Exports</b>						
Argentina	12,846	18,448	21,678	22,951	25,000	27,000
Brazil	22,041	21,909	35,382	19,794	29,000	31,000
Canada	1,939	395	1,767	1,538	1,300	1,550
European Union	2,404	4,027	1,949	2,171	2,000	1,500
Mexico	501	784	1,559	1,539	1,300	1,500
Paraguay	2,714	3,012	2,662	1,757	2,000	2,000
Russia	4,194	3,213	4,691	5,589	4,800	7,500
Serbia	1,780	2,964	1,560	2,414	700	1,500
South Africa	2,104	746	759	2,110	1,900	2,100
Ukraine	20,004	19,661	16,595	21,334	20,000	24,000
Others	9,612	6,400	5,148	5,004	5,285	4,930
<b>Subtotal</b>	80,139	81,559	93,750	86,201	93,285	104,580
<b>United States</b>	50,691	46,831	51,156	55,535	57,000	53,000
<b>World Total</b>	130,830	128,390	144,906	141,736	150,285	157,580
<b>TY Imports</b>						
Algeria	4,156	4,116	4,329	3,915	4,700	5,000
Bangladesh	488	482	1,042	1,176	1,500	2,000
Chile	1,456	1,516	1,539	1,484	1,700	2,000
China	3,277	5,516	3,174	2,464	4,000	5,000
Colombia	4,436	4,496	4,458	4,748	5,000	5,200
Cuba	928	886	853	964	1,000	1,000
Dominican Republic	1,011	1,202	1,351	1,294	1,400	1,400
Egypt	8,791	7,839	8,722	8,773	9,400	9,700
European Union	16,014	8,908	13,794	15,241	16,500	16,000
Guatemala	767	881	1,027	951	1,000	1,000
Iran	5,500	6,100	6,600	7,800	8,500	9,000
Israel	1,651	1,294	1,152	1,515	1,400	1,400
Japan	15,121	14,657	15,201	15,169	15,000	15,000
Kenya	350	600	200	1,000	1,200	1,000
Korea, South	10,406	10,168	10,121	9,231	9,700	9,700
Malaysia	3,485	3,221	4,080	3,528	3,500	4,000
Mexico	10,949	11,341	14,011	14,569	16,200	16,700
Morocco	2,349	1,941	2,224	2,164	2,500	2,600
Peru	2,232	2,741	2,985	3,169	3,300	3,400
Saudi Arabia	2,684	2,904	3,583	3,420	4,500	5,000
Taiwan	4,179	3,810	4,656	4,163	4,000	4,000
Tunisia	993	1,042	1,017	1,244	1,100	1,100
Turkey	1,381	2,377	567	1,421	2,000	2,200
Venezuela	2,626	2,433	1,738	1,238	1,600	1,600
Vietnam	4,300	6,700	8,600	8,500	9,500	11,000
Others	16,160	17,624	19,533	19,009	15,203	15,978
<b>Subtotal</b>	125,690	124,795	136,557	138,150	145,403	151,978
<b>Unaccounted</b>	4,413	2,786	6,567	2,136	3,582	4,302
<b>United States</b>	727	809	1,782	1,450	1,300	1,300
<b>World Total</b>	130,830	128,390	144,906	141,736	150,285	157,580

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>Production</b>						
Argentina	26,000	29,750	29,500	41,000	33,000	41,000
Brazil	80,000	85,000	67,000	98,500	87,000	96,000
Canada	14,191	11,606	13,680	13,889	14,100	15,300
China	218,489	215,646	224,632	219,552	215,891	225,000
Egypt	5,800	5,960	6,000	6,000	6,400	6,400
Ethiopia	6,492	7,235	7,300	7,300	7,000	7,100
European Union	64,931	75,734	58,748	61,739	62,097	61,000
India	24,259	24,170	22,570	25,900	27,150	26,000
Indonesia	9,100	9,000	10,500	10,900	11,400	11,900
Mexico	22,880	25,480	25,971	27,575	26,800	26,000
Nigeria	8,423	10,059	10,562	10,755	11,000	11,000
Philippines	7,532	7,671	6,970	8,131	8,040	8,300
Russia	11,635	11,325	13,168	15,305	13,229	19,000
South Africa	14,925	10,629	8,214	17,551	13,500	14,000
Ukraine	30,900	28,450	23,333	27,969	24,115	30,000
Others	98,861	103,594	99,159	101,470	104,980	101,434
<b>Subtotal</b>	644,418	661,309	627,307	693,536	665,702	699,434
<b>United States</b>	351,272	361,091	345,506	384,778	370,960	356,632
<b>World Total</b>	995,690	1,022,400	972,813	1,078,314	1,036,662	1,056,066
<b>Total Consumption</b>						
Argentina	8,800	9,300	9,300	11,200	9,800	12,000
Brazil	55,000	57,000	57,500	60,500	62,000	65,500
Canada	12,675	12,820	12,381	13,100	14,200	14,200
China	208,000	202,000	217,500	232,000	241,000	249,000
Egypt	13,200	13,900	14,850	15,100	15,900	16,100
European Union	76,796	77,880	73,500	74,000	76,000	76,500
India	19,600	22,350	23,550	24,900	26,500	26,500
Indonesia	11,900	12,200	12,100	12,300	12,200	12,500
Iran	6,800	7,400	8,800	9,300	9,800	10,300
Japan	15,000	14,600	15,200	15,200	15,100	15,100
Mexico	31,700	34,550	37,300	40,400	42,300	43,200
Nigeria	8,500	9,900	10,600	11,200	11,300	11,300
Russia	7,100	8,100	8,700	9,550	8,700	11,400
South Africa	11,500	11,650	10,970	13,125	12,300	12,600
Vietnam	8,200	9,400	12,200	12,900	13,400	14,400
Others	160,571	165,381	165,796	168,170	175,039	178,893
<b>Subtotal</b>	662,087	685,839	670,780	746,900	750,809	774,507
<b>United States</b>	292,958	301,792	298,785	313,854	318,530	317,261
<b>World Total</b>	955,045	987,631	969,565	1,060,754	1,069,339	1,091,768
<b>Ending Stocks</b>						
Argentina	1,408	2,898	1,459	5,276	3,481	5,486
Brazil	13,972	7,842	6,769	14,019	9,419	9,619
Canada	1,597	1,518	2,450	2,574	2,374	2,424
China	81,323	100,472	110,774	100,713	79,554	60,504
European Union	6,891	9,626	6,719	7,528	8,125	7,125
Korea, South	1,860	1,860	1,936	1,832	1,808	1,784
Mexico	2,603	4,090	5,213	5,418	4,818	2,818
Others	31,002	34,437	30,522	31,912	29,834	26,652
<b>Subtotal</b>	140,656	162,743	165,842	169,272	139,413	116,412
<b>United States</b>	31,292	43,974	44,123	58,253	55,435	42,734
<b>World Total</b>	171,948	206,717	209,965	227,525	194,848	159,146

## Regional Corn Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	2017/18	May 2018/19
<b>TY Imports</b>						
North America	12,354	13,686	16,742	16,846	18,700	18,500
Central America	2,922	3,456	3,938	3,799	3,950	4,000
South America	12,025	12,042	12,462	13,613	12,970	13,765
European Union - 28	16,014	8,908	13,794	15,241	16,500	16,000
Former Soviet Union - 12	452	500	361	374	445	405
Middle East	13,438	15,157	14,886	17,159	19,400	20,600
North Africa	17,101	15,622	16,873	16,775	18,500	19,200
Sub-Saharan Africa	2,488	3,323	5,383	5,874	3,268	3,663
East Asia	33,057	34,198	33,186	31,119	32,750	33,710
Southeast Asia	12,768	14,680	15,739	13,965	14,755	17,055
Caribbean	2,330	2,444	2,597	2,657	2,840	2,840
Others	1,468	1,588	2,378	2,178	2,625	3,540
<b>Total</b>	<b>126,417</b>	<b>125,604</b>	<b>138,339</b>	<b>139,600</b>	<b>146,703</b>	<b>153,278</b>
<b>Production</b>						
North America	388,343	398,177	385,157	426,242	411,860	397,932
South America	118,260	127,570	108,837	149,824	131,022	148,430
European Union - 28	64,931	75,734	58,748	61,739	62,097	61,000
Other Europe	7,297	9,132	7,427	9,407	5,334	7,395
Former Soviet Union - 12	47,276	44,188	40,147	47,791	42,043	53,500
Middle East	8,075	6,904	7,791	6,995	7,786	6,866
North Africa	5,919	6,058	6,096	6,130	6,601	6,551
Sub-Saharan Africa	64,984	66,809	62,466	71,790	73,285	69,125
East Asia	220,582	217,995	226,883	221,893	218,140	227,356
South Asia	34,100	34,137	33,006	37,534	39,464	38,735
Central America	3,878	3,588	3,278	3,780	3,840	3,850
Southeast Asia	30,724	30,655	31,697	33,760	33,928	33,953
Others	1,321	1,453	1,280	1,429	1,262	1,373
<b>Total</b>	<b>995,690</b>	<b>1,022,400</b>	<b>972,813</b>	<b>1,078,314</b>	<b>1,036,662</b>	<b>1,056,066</b>
<b>Domestic Consumption</b>						
North America	337,333	349,162	348,466	367,354	375,030	374,661
South America	84,206	87,601	87,971	91,623	93,395	99,910
European Union - 28	76,796	77,880	73,500	74,000	76,000	76,500
Other Europe	5,897	6,297	6,522	6,878	5,995	6,150
Former Soviet Union - 12	21,987	21,071	19,582	20,511	18,060	21,860
Middle East	19,966	21,738	23,502	24,628	26,910	28,020
North Africa	20,800	22,100	22,990	23,390	25,000	25,700
Sub-Saharan Africa	63,388	66,881	67,207	70,785	72,815	71,557
East Asia	239,185	233,127	249,279	263,066	272,300	280,360
South Asia	29,782	32,773	35,290	37,535	40,539	41,641
Southeast Asia	38,754	40,849	43,634	45,497	46,150	48,300
Central America	6,625	6,760	7,180	7,520	7,740	7,910
Others	3,581	3,984	3,909	4,012	4,135	4,185
<b>Total</b>	<b>948,300</b>	<b>970,223</b>	<b>989,032</b>	<b>1,036,799</b>	<b>1,064,069</b>	<b>1,086,754</b>
<b>Ending Stocks</b>						
North America	35,492	49,582	51,786	66,245	62,627	47,976
South America	19,135	13,743	11,220	22,186	15,305	17,300
European Union - 28	6,891	9,626	6,719	7,528	8,125	7,125
Other Europe	529	896	849	1,477	766	1,086
Former Soviet Union - 12	2,702	3,155	2,602	3,079	2,247	2,442
Middle East	3,528	3,727	2,747	2,011	2,192	1,543
North Africa	3,175	3,259	2,988	2,455	2,546	2,587
Sub-Saharan Africa	7,347	9,575	7,651	9,674	10,102	7,973
East Asia	84,864	103,922	114,710	104,543	83,083	63,739
South Asia	2,937	3,871	2,476	3,176	3,426	2,925
Southeast Asia	4,318	4,143	4,991	3,860	3,183	3,281
Central America	634	759	794	850	868	793
Others	396	459	432	441	378	376
<b>Total</b>	<b>171,948</b>	<b>206,717</b>	<b>209,965</b>	<b>227,525</b>	<b>194,848</b>	<b>159,146</b>

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**

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>TY Exports</b>						
Argentina	2,829	1,599	2,836	2,696	2,500	2,500
Australia	6,261	5,266	5,401	9,193	5,800	7,000
Canada	1,714	1,386	1,147	1,770	2,000	1,500
European Union	4,926	10,642	8,644	5,683	6,200	7,000
Kazakhstan	596	479	807	823	1,100	1,300
Moldova	26	81	59	143	150	150
Russia	2,791	5,807	3,735	3,626	5,400	5,500
Turkey	9	4	0	14	20	100
Ukraine	3,827	4,332	4,673	5,337	4,900	4,000
Uruguay	36	43	42	111	50	120
Others	571	164	82	49	85	100
<b>Subtotal</b>	<b>23,586</b>	<b>29,803</b>	<b>27,426</b>	<b>29,445</b>	<b>28,205</b>	<b>29,270</b>
<b>United States</b>	<b>336</b>	<b>291</b>	<b>161</b>	<b>125</b>	<b>130</b>	<b>100</b>
<b>World Total</b>	<b>23,922</b>	<b>30,094</b>	<b>27,587</b>	<b>29,570</b>	<b>28,335</b>	<b>29,370</b>
<b>TY Imports</b>						
Algeria	778	723	864	533	600	550
Belarus	11	1	7	109	100	100
Brazil	337	489	551	737	550	650
Canada	9	165	131	74	50	100
China	4,891	9,859	5,869	8,104	8,200	9,500
Colombia	253	249	301	285	280	280
European Union	58	269	315	447	500	300
Iran	1,100	1,900	1,700	2,200	2,900	2,900
Israel	304	278	319	376	250	250
Japan	1,294	1,097	1,154	1,197	1,100	1,100
Jordan	997	759	902	759	700	700
Kuwait	436	412	511	502	200	200
Libya	681	1,001	1,324	1,085	1,000	1,000
Morocco	471	276	958	358	500	300
Peru	87	122	98	169	100	150
Saudi Arabia	8,500	8,200	10,400	8,400	8,000	8,000
Syria	100	20	20	250	150	150
Tunisia	456	483	696	501	600	675
United Arab Emirates	468	393	668	501	400	400
Vietnam	53	52	79	150	175	175
Others	1,819	1,724	1,204	1,737	1,721	1,011
<b>Subtotal</b>	<b>23,103</b>	<b>28,472</b>	<b>28,071</b>	<b>28,474</b>	<b>28,076</b>	<b>28,491</b>
<b>Unaccounted</b>	<b>296</b>	<b>1,192</b>	<b>-836</b>	<b>879</b>	<b>29</b>	<b>479</b>
<b>United States</b>	<b>523</b>	<b>430</b>	<b>352</b>	<b>217</b>	<b>230</b>	<b>400</b>
<b>World Total</b>	<b>23,922</b>	<b>30,094</b>	<b>27,587</b>	<b>29,570</b>	<b>28,335</b>	<b>29,370</b>

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>Production</b>						
Algeria	1,500	1,300	1,300	1,000	968	1,400
Argentina	4,750	2,900	4,940	3,300	3,200	3,700
Australia	9,174	8,646	8,993	12,921	8,000	9,800
Belarus	1,674	1,988	1,849	1,253	1,420	1,700
Canada	10,282	7,117	8,257	8,839	7,900	8,000
China	1,700	1,810	1,870	1,752	1,800	1,850
Ethiopia	1,908	1,953	2,047	2,025	2,100	2,170
European Union	59,674	60,609	62,095	59,978	59,090	61,500
India	1,752	1,831	1,613	1,440	1,750	2,000
Iran	3,000	3,200	3,200	3,000	3,100	3,100
Kazakhstan	2,539	2,412	2,675	3,231	3,305	3,500
Morocco	2,723	1,638	3,400	620	2,000	2,500
Russia	15,389	20,026	17,083	17,547	20,183	18,500
Turkey	7,300	4,000	7,400	4,750	6,400	7,400
Ukraine	7,561	9,450	8,751	9,874	8,695	7,500
Others	8,932	9,148	9,551	10,639	9,970	9,751
<b>Subtotal</b>	139,858	138,028	145,024	142,169	139,881	144,371
<b>United States</b>	4,719	3,953	4,750	4,353	3,090	3,201
<b>World Total</b>	144,577	141,981	149,774	146,522	142,971	147,572
<b>Total Consumption</b>						
Algeria	2,050	2,050	2,150	2,050	1,850	1,950
Australia	2,800	3,000	3,300	3,500	2,800	2,800
Belarus	1,800	2,000	1,850	1,400	1,500	1,800
Canada	7,718	6,471	6,960	6,762	6,800	6,700
China	6,300	11,600	7,900	9,800	10,300	11,100
Ethiopia	1,925	1,975	1,990	2,025	2,075	2,125
European Union	53,400	50,937	51,375	55,100	53,700	54,700
India	1,200	1,400	1,520	1,900	2,000	2,000
Iran	4,700	4,600	5,200	4,500	6,000	6,200
Kazakhstan	1,900	2,000	2,000	2,200	2,200	2,300
Morocco	2,300	2,638	3,350	2,200	2,450	2,450
Russia	12,700	14,100	13,700	14,700	14,900	13,200
Saudi Arabia	8,625	8,525	10,225	9,825	8,825	8,825
Turkey	6,950	5,350	6,900	5,500	6,700	7,300
Ukraine	5,100	5,500	4,300	4,900	4,100	3,600
Others	17,122	17,043	18,586	18,755	17,679	17,310
<b>Subtotal</b>	136,352	138,283	143,304	146,057	143,128	144,513
<b>United States</b>	4,775	4,235	4,408	4,375	4,072	3,918
<b>World Total</b>	141,127	142,518	147,712	150,432	147,200	148,431
<b>Ending Stocks</b>						
Algeria	1,178	1,304	1,313	899	617	717
Canada	1,995	1,260	1,523	2,157	1,307	1,207
European Union	5,621	5,834	6,060	5,667	5,357	5,457
Iran	258	1,058	758	458	758	858
Saudi Arabia	3,389	3,074	4,059	2,344	1,529	714
Turkey	899	332	961	338	718	818
Ukraine	2,071	1,565	1,609	1,237	937	847
Others	7,519	8,046	7,740	6,920	5,463	5,600
<b>Subtotal</b>	22,930	22,473	24,023	20,020	16,686	16,218
<b>United States</b>	1,791	1,711	2,223	2,316	1,421	1,030
<b>World Total</b>	24,721	24,184	26,246	22,336	18,107	17,248

## Regional Barley Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	2017/18	May 2018/19
<b>TY Imports</b>						
North America	640	779	615	293	290	510
South America	886	1,169	1,133	1,276	1,025	1,150
European Union - 28	58	269	315	447	500	300
Other Europe	158	124	81	121	140	150
Former Soviet Union - 12	348	239	162	436	265	250
Middle East	12,537	12,399	14,798	13,604	13,275	12,775
North Africa	2,432	2,581	3,914	2,491	2,720	2,545
Sub-Saharan Africa	116	138	31	75	85	85
East Asia	6,320	11,080	7,136	9,413	9,430	10,750
South Asia	11	22	133	339	351	151
Oceania	46	32	7	25	25	25
<b>Total</b>	<b>23,626</b>	<b>28,902</b>	<b>28,423</b>	<b>28,691</b>	<b>28,306</b>	<b>28,891</b>
<b>Production</b>						
North America	15,595	11,916	13,742	14,170	11,994	12,201
South America	5,743	3,794	5,925	4,714	4,283	5,035
European Union - 28	59,674	60,609	62,095	59,978	59,090	61,500
Other Europe	1,228	1,241	1,258	1,333	1,280	1,302
Former Soviet Union - 12	29,051	35,542	32,547	34,175	35,760	33,407
Middle East	12,242	8,896	12,674	10,118	11,690	12,088
North Africa	4,739	3,913	5,275	2,203	3,646	4,553
Sub-Saharan Africa	2,349	2,423	2,549	2,556	2,577	2,690
East Asia	1,991	2,134	2,158	2,047	2,108	2,159
South Asia	2,375	2,461	2,121	1,943	2,247	2,457
Oceania	9,590	9,052	9,430	13,285	8,296	10,180
<b>Total</b>	<b>144,577</b>	<b>141,981</b>	<b>149,774</b>	<b>146,522</b>	<b>142,971</b>	<b>147,572</b>
<b>Domestic Consumption</b>						
North America	13,243	11,556	12,293	12,087	11,882	11,668
South America	3,528	3,398	3,633	3,474	3,315	3,436
European Union - 28	53,400	50,937	51,375	55,100	53,700	54,700
Other Europe	1,334	1,414	1,373	1,404	1,402	1,397
Former Soviet Union - 12	23,370	25,454	23,889	25,429	24,913	23,057
Middle East	24,609	22,369	26,961	24,767	25,614	25,984
North Africa	6,282	7,120	8,203	6,697	6,647	6,748
Sub-Saharan Africa	2,453	2,471	2,565	2,609	2,640	2,700
East Asia	8,009	13,162	9,481	11,441	11,905	12,705
South Asia	1,813	2,023	2,093	2,423	2,583	2,483
Oceania	3,250	3,450	3,750	3,900	3,150	3,200
<b>Total</b>	<b>141,365</b>	<b>143,424</b>	<b>145,714</b>	<b>149,492</b>	<b>147,951</b>	<b>148,278</b>
<b>Ending Stocks</b>						
North America	4,019	3,369	4,132	4,888	3,142	2,611
South America	847	772	1,040	745	582	611
European Union - 28	5,621	5,834	6,060	5,667	5,357	5,457
Other Europe	237	160	79	97	65	70
Former Soviet Union - 12	3,662	3,719	2,957	2,927	2,509	2,159
Middle East	5,421	5,208	6,385	3,856	3,587	2,666
North Africa	2,505	2,105	2,838	1,186	904	1,354
Sub-Saharan Africa	337	434	436	451	473	548
East Asia	1,038	1,090	904	923	556	760
South Asia	261	294	274	230	195	270
Oceania	773	1,199	1,141	1,356	727	732
<b>Total</b>	<b>24,721</b>	<b>24,184</b>	<b>26,246</b>	<b>22,336</b>	<b>18,107</b>	<b>17,248</b>

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**

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>TY Exports</b>						
Argentina	953	954	772	457	550	500
Australia	408	1,701	717	542	200	1,100
Ethiopia	75	75	75	75	75	75
India	88	122	74	24	50	50
Kenya	51	73	30	90	50	50
Nigeria	50	100	50	100	100	100
Ukraine	229	156	120	164	150	150
Others	179	130	104	175	115	105
<b>Subtotal</b>	2,033	3,311	1,942	1,627	1,290	2,130
<b>United States</b>	5,714	9,269	7,871	6,090	6,300	4,200
<b>World Total</b>	7,747	12,580	9,813	7,717	7,590	6,330
<b>TY Imports</b>						
Chile	109	98	134	54	100	100
China	4,161	10,162	8,284	5,209	4,500	1,100
Colombia	104	0	64	0	50	50
European Union	184	131	119	194	200	200
Japan	1,003	903	649	561	600	1,400
Kenya	94	117	105	130	100	100
Mexico	162	29	661	548	1,000	2,000
South Africa	61	86	120	100	80	60
South Sudan	108	87	19	50	150	150
Sudan	75	120	200	100	200	200
Others	652	416	593	428	464	364
<b>Subtotal</b>	6,713	12,149	10,948	7,374	7,444	5,724
<b>Unaccounted</b>	1,031	404	-1,233	299	96	606
<b>United States</b>	3	27	98	44	50	0
<b>World Total</b>	7,747	12,580	9,813	7,717	7,590	6,330

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 Mav
<b>Production</b>						
Argentina	4,400	3,500	3,375	3,400	3,000	3,150
Australia	1,282	2,209	1,791	1,000	1,300	2,000
Brazil	1,890	2,055	1,032	1,865	1,870	1,890
Burkina	1,880	1,708	1,436	1,663	1,366	1,800
Cameroon	1,260	1,150	1,217	1,339	1,400	1,400
Chad	800	922	835	991	880	950
China	2,892	2,885	2,750	2,985	3,200	3,450
Ethiopia	3,829	4,339	4,766	4,752	4,050	4,100
India	5,542	5,445	4,238	4,570	4,660	4,600
Mali	820	1,272	1,527	1,394	1,705	1,300
Mexico	8,500	6,270	5,587	4,638	4,750	4,800
Niger	1,320	1,426	1,918	1,808	1,944	1,700
Nigeria	5,300	6,883	7,005	6,887	6,550	6,800
Sudan	4,524	6,281	2,744	6,466	3,743	4,000
Tanzania	832	883	677	756	800	800
Others	7,383	7,948	7,309	6,629	6,969	7,005
<b>Subtotal</b>	<b>52,454</b>	<b>55,176</b>	<b>48,207</b>	<b>51,143</b>	<b>48,187</b>	<b>49,745</b>
<b>United States</b>	<b>9,966</b>	<b>10,988</b>	<b>15,158</b>	<b>12,199</b>	<b>9,242</b>	<b>8,713</b>
<b>World Total</b>	<b>62,420</b>	<b>66,164</b>	<b>63,365</b>	<b>63,342</b>	<b>57,429</b>	<b>58,458</b>
<b>Total Consumption</b>						
Argentina	2,700	2,800	2,900	2,900	2,700	2,700
Brazil	2,000	2,000	1,150	1,700	1,900	1,900
Burkina	1,900	1,700	1,465	1,640	1,400	1,700
Cameroon	1,275	1,175	1,242	1,369	1,425	1,425
Chad	900	930	850	950	950	950
China	6,800	12,900	11,000	8,300	7,900	4,700
Ethiopia	3,900	4,100	4,700	4,700	4,200	4,100
India	5,200	5,100	4,600	4,500	4,600	4,500
Japan	1,030	901	650	561	600	1,400
Mali	950	1,200	1,500	1,400	1,650	1,400
Mexico	8,300	6,600	6,300	5,300	5,600	6,800
Niger	1,300	1,450	2,000	2,000	1,850	1,800
Nigeria	5,258	6,833	6,905	6,787	6,450	6,700
South Sudan	790	1,050	830	760	800	850
Sudan	4,600	6,000	3,100	6,450	4,300	4,300
Others	8,783	8,894	8,864	7,878	8,570	8,342
<b>Subtotal</b>	<b>56,791</b>	<b>63,452</b>	<b>57,654</b>	<b>57,376</b>	<b>55,166</b>	<b>54,364</b>
<b>United States</b>	<b>4,130</b>	<b>2,459</b>	<b>6,187</b>	<b>6,212</b>	<b>3,176</b>	<b>4,573</b>
<b>World Total</b>	<b>60,921</b>	<b>65,911</b>	<b>63,841</b>	<b>63,588</b>	<b>58,342</b>	<b>58,937</b>
<b>Ending Stocks</b>						
Argentina	1,202	971	952	889	689	639
Australia	177	252	234	280	280	180
China	568	706	717	577	347	177
Ethiopia	314	561	577	569	364	309
India	364	587	151	198	208	258
Mexico	647	338	286	172	322	322
Nigeria	180	130	180	190	190	190
Others	1,673	2,229	1,739	1,795	1,463	1,360
<b>Subtotal</b>	<b>5,125</b>	<b>5,774</b>	<b>4,836</b>	<b>4,670</b>	<b>3,863</b>	<b>3,435</b>
<b>United States</b>	<b>864</b>	<b>468</b>	<b>930</b>	<b>850</b>	<b>744</b>	<b>693</b>
<b>World Total</b>	<b>5,989</b>	<b>6,242</b>	<b>5,766</b>	<b>5,520</b>	<b>4,607</b>	<b>4,128</b>

## Regional Sorghum Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	2017/18	May 2018/19
<b>TY Imports</b>						
North America	165	56	759	592	1,050	2,000
South America	240	114	212	60	170	185
European Union - 28	184	131	119	194	200	200
Other Europe	0	0	0	0	0	0
Middle East	233	24	34	45	121	31
North Africa	41	1	1	5	0	0
Sub-Saharan Africa	511	662	663	675	733	728
East Asia	5,281	11,142	9,011	5,823	5,155	2,555
Southeast Asia	46	14	16	17	15	0
Others	15	32	231	7	50	25
<b>Total</b>	<b>6,716</b>	<b>12,176</b>	<b>11,046</b>	<b>7,418</b>	<b>7,494</b>	<b>5,724</b>
<b>Production</b>						
North America	18,466	17,258	20,745	16,837	13,992	13,513
Central America	327	326	337	326	325	327
Caribbean	112	125	123	118	91	106
South America	7,468	6,967	5,682	6,159	5,922	6,157
European Union - 28	703	887	674	647	667	640
Middle East	599	646	505	394	485	470
North Africa	767	809	752	755	755	755
Sub-Saharan Africa	23,729	28,211	25,359	29,075	25,667	26,048
East Asia	2,895	2,887	2,752	2,987	3,202	3,452
South Asia	5,661	5,560	4,399	4,719	4,790	4,740
Southeast Asia	57	55	55	50	50	50
Oceania	1,282	2,209	1,791	1,000	1,300	2,000
Others	354	224	191	275	183	200
<b>Total</b>	<b>62,420</b>	<b>66,164</b>	<b>63,365</b>	<b>63,342</b>	<b>57,429</b>	<b>58,458</b>
<b>Domestic Consumption</b>						
North America	12,430	9,059	12,487	11,512	8,776	11,373
Central America	317	321	345	326	325	330
Caribbean	112	125	123	120	91	106
South America	6,062	6,362	5,409	5,623	5,786	5,817
European Union - 28	880	995	800	790	820	820
Middle East	721	801	550	438	611	491
North Africa	813	785	752	755	755	755
Sub-Saharan Africa	24,152	27,840	26,023	29,416	26,655	26,726
East Asia	7,951	13,882	11,733	8,917	8,557	6,157
South Asia	5,334	5,247	4,972	4,665	4,780	4,665
Southeast Asia	64	95	69	70	60	45
Oceania	905	505	905	675	800	800
Others	75	75	75	100	55	55
<b>Total</b>	<b>59,816</b>	<b>66,092</b>	<b>64,243</b>	<b>63,407</b>	<b>58,071</b>	<b>58,140</b>
<b>Ending Stocks</b>						
North America	1,511	806	1,216	1,022	1,066	1,015
Central America	21	26	17	17	12	9
South America	1,548	1,310	1,132	1,151	914	894
European Union - 28	18	27	16	39	81	96
Middle East	27	39	33	25	20	30
North Africa	22	47	48	53	53	53
Sub-Saharan Africa	1,598	2,314	2,082	2,047	1,537	1,332
East Asia	627	765	772	629	399	229
South Asia	364	587	151	198	208	258
Oceania	177	252	234	280	280	180
Others	76	69	65	59	37	32
<b>Total</b>	<b>5,989</b>	<b>6,242</b>	<b>5,766</b>	<b>5,520</b>	<b>4,607</b>	<b>4,128</b>

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**

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>TY Exports</b>						
Australia	267	264	214	455	550	650
Canada	1,732	1,734	1,667	1,557	1,600	1,600
Chile	49	84	26	27	30	30
European Union	291	231	220	179	200	200
Kazakhstan	6	0	5	12	10	10
Russia	6	14	16	14	15	10
Ukraine	6	46	48	19	50	50
Others	10	10	8	3	10	10
<b>Subtotal</b>	2,367	2,383	2,204	2,266	2,465	2,560
<b>United States</b>	29	25	36	44	30	30
<b>World Total</b>	2,396	2,408	2,240	2,310	2,495	2,590
<b>TY Imports</b>						
Algeria	12	24	31	25	25	25
Bosnia and Herzegovina	3	4	4	6	5	5
Canada	27	12	11	18	10	10
China	116	162	172	278	500	500
Colombia	2	2	1	1	5	5
Ecuador	21	21	38	21	30	30
European Union	3	4	9	3	5	5
India	15	24	31	25	25	25
Japan	46	47	50	48	50	50
Korea, South	16	29	21	23	25	25
Mexico	93	86	77	119	120	100
Norway	38	4	7	3	5	5
Serbia	2	2	1	0	5	5
South Africa	19	46	31	24	20	20
Switzerland	51	49	41	54	50	50
Others	8	15	12	26	18	17
<b>Subtotal</b>	472	531	537	674	898	877
<b>Unaccounted</b>	58	109	171	97	97	113
<b>United States</b>	1,866	1,768	1,532	1,539	1,500	1,600
<b>World Total</b>	2,396	2,408	2,240	2,310	2,495	2,590

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 Mav
<b>Production</b>						
Algeria	110	110	110	110	110	110
Argentina	445	525	553	785	492	600
Australia	1,255	1,198	1,300	2,126	1,100	1,450
Belarus	352	522	492	390	500	460
Brazil	380	307	351	828	634	745
Canada	3,928	2,977	3,425	3,231	3,700	3,600
Chile	610	421	533	713	670	675
China	235	255	265	290	300	305
European Union	8,380	7,821	7,524	8,049	8,107	8,200
Kazakhstan	305	226	244	335	285	300
Mexico	91	93	85	72	72	90
Norway	224	283	286	330	300	300
Russia	4,932	5,267	4,527	4,750	5,441	4,800
Turkey	235	210	250	225	250	230
Ukraine	467	610	498	510	481	475
Others	319	291	320	350	327	335
<b>Subtotal</b>	<b>22,268</b>	<b>21,116</b>	<b>20,763</b>	<b>23,094</b>	<b>22,769</b>	<b>22,675</b>
<b>United States</b>	<b>938</b>	<b>1,019</b>	<b>1,300</b>	<b>940</b>	<b>717</b>	<b>958</b>
<b>World Total</b>	<b>23,206</b>	<b>22,135</b>	<b>22,063</b>	<b>24,034</b>	<b>23,486</b>	<b>23,633</b>
<b>Total Consumption</b>						
Algeria	118	126	141	132	135	135
Argentina	425	525	550	760	525	550
Australia	950	950	1,025	1,500	800	700
Belarus	375	500	500	400	500	450
Brazil	375	305	345	775	675	705
Canada	1,660	1,676	1,611	1,814	2,100	2,000
Chile	570	355	485	655	660	655
China	350	400	420	560	780	830
European Union	8,075	7,730	7,400	7,950	7,900	8,050
Kazakhstan	275	225	245	274	275	300
Mexico	185	175	190	195	190	190
Norway	245	295	295	315	320	300
Russia	4,900	5,200	4,600	4,800	5,400	4,800
Turkey	225	225	240	240	240	240
Ukraine	475	600	450	450	450	450
Others	523	519	534	572	550	554
<b>Subtotal</b>	<b>19,915</b>	<b>19,755</b>	<b>19,137</b>	<b>21,550</b>	<b>21,603</b>	<b>20,984</b>
<b>United States</b>	<b>2,757</b>	<b>2,447</b>	<b>2,702</b>	<b>2,539</b>	<b>2,604</b>	<b>2,493</b>
<b>World Total</b>	<b>22,672</b>	<b>22,202</b>	<b>21,839</b>	<b>24,089</b>	<b>24,207</b>	<b>23,477</b>
<b>Ending Stocks</b>						
Argentina	67	65	65	89	51	96
Australia	105	93	143	308	58	158
Brazil	17	10	16	68	23	58
Canada	1,076	693	947	743	753	763
European Union	894	770	690	642	654	609
Kazakhstan	34	33	27	75	75	65
Russia	230	289	199	147	178	173
Others	241	223	269	322	304	257
<b>Subtotal</b>	<b>2,664</b>	<b>2,176</b>	<b>2,356</b>	<b>2,394</b>	<b>2,096</b>	<b>2,179</b>
<b>United States</b>	<b>359</b>	<b>780</b>	<b>824</b>	<b>731</b>	<b>308</b>	<b>381</b>
<b>World Total</b>	<b>3,023</b>	<b>2,956</b>	<b>3,180</b>	<b>3,125</b>	<b>2,404</b>	<b>2,560</b>

## Regional Oats Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	2017/18	May 2018/19
<b>TY Imports</b>						
North America	1,986	1,866	1,620	1,676	1,630	1,710
South America	29	30	47	28	41	40
European Union - 28	3	4	9	3	5	5
Other Europe	94	62	53	63	65	65
Former Soviet Union - 12	2	1	4	11	5	5
Middle East	0	4	0	5	5	5
North Africa	12	24	31	29	27	27
Sub-Saharan Africa	19	46	31	24	20	20
East Asia	178	238	243	349	575	575
South Asia	15	24	31	25	25	25
Oceania	0	0	0	0	0	0
<b>Total</b>	<b>2,338</b>	<b>2,299</b>	<b>2,069</b>	<b>2,213</b>	<b>2,398</b>	<b>2,477</b>
<b>Production</b>						
North America	4,957	4,089	4,810	4,243	4,489	4,648
South America	1,478	1,281	1,478	2,372	1,839	2,063
European Union - 28	8,380	7,821	7,524	8,049	8,107	8,200
Other Europe	359	411	418	464	423	435
Former Soviet Union - 12	6,062	6,631	5,767	5,991	6,713	6,041
Middle East	235	210	250	225	250	230
North Africa	156	147	166	175	175	173
Sub-Saharan Africa	59	55	55	55	55	55
East Asia	237	257	266	291	301	306
South Asia	0	0	0	0	0	0
Oceania	1,283	1,233	1,329	2,169	1,134	1,482
<b>Total</b>	<b>23,206</b>	<b>22,135</b>	<b>22,063</b>	<b>24,034</b>	<b>23,486</b>	<b>23,633</b>
<b>Domestic Consumption</b>						
North America	4,602	4,298	4,503	4,548	4,894	4,683
South America	1,447	1,245	1,445	2,273	1,943	1,993
European Union - 28	8,075	7,730	7,400	7,950	7,900	8,050
Other Europe	435	479	484	506	506	491
Former Soviet Union - 12	6,031	6,531	5,801	5,930	6,631	6,006
Middle East	225	225	240	240	240	240
North Africa	164	163	197	201	200	200
Sub-Saharan Africa	95	94	87	85	75	75
East Asia	416	479	491	633	855	909
South Asia	15	24	31	25	25	25
Oceania	978	985	1,054	1,540	835	730
<b>Total</b>	<b>22,483</b>	<b>22,253</b>	<b>21,733</b>	<b>23,931</b>	<b>24,104</b>	<b>23,402</b>
<b>Ending Stocks</b>						
North America	1,439	1,479	1,775	1,478	1,067	1,150
South America	129	102	143	243	140	210
European Union - 28	894	770	690	642	654	609
Other Europe	52	46	35	53	35	44
Former Soviet Union - 12	346	397	298	316	328	298
Middle East	23	11	21	6	21	16
North Africa	1	1	1	1	3	3
Sub-Saharan Africa	11	18	17	11	11	11
East Asia	23	39	57	64	85	57
South Asia	0	0	0	0	0	0
Oceania	105	93	143	311	60	162
<b>Total</b>	<b>3,023</b>	<b>2,956</b>	<b>3,180</b>	<b>3,125</b>	<b>2,404</b>	<b>2,560</b>

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**

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>TY Exports</b>						
Belarus	0	0	24	8	20	20
Canada	97	89	112	132	150	150
European Union	201	167	160	139	100	100
Russia	83	121	23	29	50	50
Ukraine	59	13	21	14	10	10
Others	1	1	0	0	0	0
<b>Subtotal</b>	441	391	340	322	330	330
<b>United States</b>	6	3	6	4	5	5
<b>World Total</b>	447	394	346	326	335	335
<b>TY Imports</b>						
European Union	96	96	50	16	50	50
Israel	33	18	12	4	15	15
Japan	37	22	16	24	20	20
Korea, South	8	4	5	4	5	5
Norway	21	6	2	4	10	10
Russia	5	5	5	4	5	5
Switzerland	6	6	3	2	5	5
Others	1	6	16	3	0	0
<b>Subtotal</b>	207	163	109	61	110	110
<b>Unaccounted</b>	36	-31	20	93	25	25
<b>United States</b>	204	262	217	172	200	200
<b>World Total</b>	447	394	346	326	335	335

TY=Trade Year, see Endnotes.

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

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 May
<b>Production</b>						
Argentina	52	97	61	79	87	95
Belarus	648	867	753	651	670	650
Canada	223	218	226	436	320	300
European Union	10,151	8,864	7,833	7,452	7,521	7,800
Russia	3,360	3,279	2,084	2,538	2,544	2,200
Turkey	365	300	330	300	320	320
Ukraine	638	475	394	394	510	400
Others	130	176	178	145	163	160
<b>Subtotal</b>	15,567	14,276	11,859	11,995	12,135	11,925
<b>United States</b>	194	183	295	342	246	298
<b>World Total</b>	15,761	14,459	12,154	12,337	12,381	12,223
<b>Total Consumption</b>						
Argentina	52	97	61	79	87	95
Australia	19	19	22	25	26	26
Belarus	700	850	800	700	650	650
Canada	107	134	119	180	160	160
European Union	9,650	8,600	7,900	7,600	7,600	7,700
Kazakhstan	40	65	37	33	35	35
Norway	35	46	67	23	52	52
Russia	3,100	3,250	2,150	2,400	2,500	2,300
Turkey	350	325	330	300	320	320
Ukraine	625	475	420	380	510	410
Others	142	108	90	94	102	102
<b>Subtotal</b>	14,815	13,974	12,018	11,835	12,063	11,871
<b>United States</b>	424	406	515	499	448	497
<b>World Total</b>	15,239	14,380	12,533	12,334	12,511	12,368
<b>Ending Stocks</b>						
Belarus	149	166	99	50	50	30
Canada	44	42	51	165	175	165
European Union	1,204	1,386	1,209	1,001	872	922
Kazakhstan	8	4	4	12	16	16
Russia	344	264	155	286	285	140
Turkey	33	14	14	14	14	14
Ukraine	128	106	75	77	67	47
Others	4	3	2	1	0	0
<b>Subtotal</b>	1,914	1,985	1,609	1,606	1,479	1,334
<b>United States</b>	7	15	12	18	15	15
<b>World Total</b>	1,921	2,000	1,621	1,624	1,494	1,349

## Regional Rye Imports, Production, Consumption, and Stocks

Thousand Metric Tons

	2013/14	2014/15	2015/16	2016/17	2017/18	May 2018/19
<b>TY Imports</b>						
North America	204	262	217	172	200	200
South America	0	0	0	0	0	0
European Union - 28	96	96	50	16	50	50
Other Europe	28	12	5	6	15	15
Former Soviet Union - 12	5	5	21	7	5	5
Middle East	33	24	12	4	15	15
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	45	26	21	28	25	25
Oceania	0	0	0	0	0	0
<b>Total</b>	<b>411</b>	<b>425</b>	<b>326</b>	<b>233</b>	<b>310</b>	<b>310</b>
<b>Production</b>						
North America	417	401	521	778	566	598
South America	59	106	69	91	98	107
European Union - 28	10,151	8,864	7,833	7,452	7,521	7,800
Other Europe	57	83	108	64	84	84
Former Soviet Union - 12	4,689	4,682	3,268	3,624	3,763	3,285
Middle East	365	300	330	300	320	320
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	0	0	0	0	0	0
Oceania	20	20	22	25	26	26
<b>Total</b>	<b>15,761</b>	<b>14,459</b>	<b>12,154</b>	<b>12,337</b>	<b>12,381</b>	<b>12,223</b>
<b>Domestic Consumption</b>						
North America	531	540	634	679	608	657
South America	59	106	69	91	98	107
European Union - 28	9,650	8,600	7,900	7,600	7,600	7,700
Other Europe	86	97	112	69	99	99
Former Soviet Union - 12	4,465	4,640	3,407	3,513	3,695	3,395
Middle East	383	343	342	304	335	335
Sub-Saharan Africa	3	3	3	3	3	3
East Asia	48	27	22	29	26	25
Oceania	19	19	22	25	26	26
<b>Total</b>	<b>15,244</b>	<b>14,375</b>	<b>12,511</b>	<b>12,313</b>	<b>12,490</b>	<b>12,347</b>
<b>Ending Stocks</b>						
North America	51	57	63	183	190	180
South America	0	0	0	0	0	0
European Union - 28	1,204	1,386	1,209	1,001	872	922
Other Europe	0	0	0	0	0	0
Former Soviet Union - 12	629	540	333	425	418	233
Middle East	33	14	14	14	14	14
Sub-Saharan Africa	0	0	0	0	0	0
East Asia	4	3	2	1	0	0
Oceania	0	0	0	0	0	0
<b>Total</b>	<b>1,921</b>	<b>2,000</b>	<b>1,621</b>	<b>1,624</b>	<b>1,494</b>	<b>1,349</b>

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.

# 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 <http://www.fas.usda.gov/psdonline/psdAvailability.aspx>

**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: The previous report in this series was [Grain: World Markets and Trade](#) April 2018. For further details on world grain production, please see [World Agricultural Production](#) May 2018. 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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