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Rice Outlook

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In this report:

U.S. 2018/19 Export Forecast Raised

There were several changes this month to the U.S. 2018/19 rice supply and use balance sheet. On the supply side, medium- and short-grain imports were increased 0.5 million cwt to 5.0 million cwt based on purchases of rice from China by Puerto Rico. On the use side, the 2018/19 medium- and short-grain export forecast was raised 3.0 million cwt to 32.0 million cwt based on a much smaller expected Australian harvest in 2019. The season-average farm price for both California and southern medium- and short-grain rice were raised based on stronger expected export demand.

In the global market, the 2018/19 production forecast was raised 0.4 million tons to 491.1 million tons, still 1 percent below the year-earlier record. Crop forecasts were raised this month for Nepal and Nigeria, but lowered for Australia and Thailand, with Australia's crop reduction especially large. The calendar year 2019 rice trade forecast was lowered 0.9 million tons to 48.3 million tons, fractionally above a year earlier and the highest on record. Export forecasts were lowered this month for Australia and Thailand. On the 2019 import side, forecasts were lowered Cuba, EU, Indonesia, and Nigeria. Thailand's export price quotes increased slightly over the past month, while Vietnam's quotes decreased. U.S. long-grain milled rice export prices were unchanged.

Domestic Outlook

U.S. Import Forecast Raised to a Record 28.5 Million Cwt

The only supply side revision this month to the 2018/19 U.S. rice balance sheet was a 0.5-million cwt increase in the all rice import forecast to a record 28.5 million cwt, up 6 percent from a year earlier. Medium- and short-grain account for all of the upward revision. At 5.0 million cwt, 2018/19 medium- and short-grain imports are forecast to be 41 percent higher than a year earlier and are the highest since the 2007/08 near-record of 6.2 million cwt.

The upward revision was primarily based on larger than previously expected shipments from China to Puerto Rice through October and expectations regarding Puerto Rico's imports the remainder of the market year. In September, Puerto Rico imported 21,000 tons of rice from China, all medium- and short-grain. In 2017/18, China returned as a major supplier of rice to Puerto Rico after being absent for 9 years. In the late 1990s and early 21th century, China often supplied much of Puerto Rico's rice needs. Australia also shipped medium- and short-grain rice to Puerto Rico for 2 years early this century, but has not shipped any rice to Puerto Rico since 2003/04 and is currently experiencing a severe drought that will sharply limit exports.

Puerto Rico is primarily a medium- and short-grain market although it has purchased long-grain from Brazil in recent years, though purchases are usually small and inconsistent year-to-year. Relatively lower landed prices and a substantial freight advantage due to U.S. vessel flagging requirements under the 1920 Jones Act account for the recent return of China as a supplier to Puerto Rico. The Jones Act requires that any shipment from one U.S. port to another U.S. port must be on a U.S. flagged vessel, which typically charges much higher freight rates than vessels from most developing countries.

U.S. long-grain 2018/19 imports remain projected at a record 23.5 million cwt, up less than 1 percent from a year earlier, with aromatic varieties from Asia accounting for the bulk of these shipments. Based on U.S. Census data through October, U.S. imports of all rice totaled 201,400 tons (product-weight), up 1 percent from a year earlier. By class, medium- and short-grain imports were 72 percent ahead of a year earlier through October, while long-grain imports were 10 percent behind a year earlier. Thailand, the largest supplier of rice to the United States, accounts for most of the slower pace of U.S. long-grain imports in 2018/19. Shipments from India and Pakistan, also suppliers of aromatic rice, were about even with last year.

U.S. 2018/19 rice production remains forecast at 218.3 million cwt, almost 23 percent larger than a year earlier, mostly due to expanded plantings. The 2018/19 U.S. long-grain crop remains forecast at 158.6 million cwt, up 24 percent from a year earlier. Almost all U.S. long-grain rice is grown in the South. Combined medium- and short-grain U.S. production remains forecast at 59.7 million cwt, more than 18 percent larger than the 2017/18 crop. Although the bulk of the southern harvest was complete by early November—a typical pace for the region—rains delayed harvest of some of the ratoon crop in Texas, as well as delaying final harvest of rice in parts of Arkansas and in Missouri until late November and early December. Any impact of this substantially delayed harvest on a relatively small share of the U.S. crop is unknown at this time.

Total U.S. rice carryin remains estimated at 29.4 million cwt, down 36 percent from a year earlier. Long-grain 2018/19 carryin remains estimated at 20.3 million cwt, 35 percent below a year earlier. Medium- and short-grain carryin remains estimated at 7.6 million cwt, 34 percent below a year earlier and the smallest since 1999/2000. Stocks of brokens, included in the total stocks estimate, are not classified by class.

The 2018/19 U.S. rice supply forecast was increased 0.5 million cwt to 276.2 million cwt, up 10 percent from a year earlier. Long-grain total supply remains forecast at 202.4 million cwt, 11 percent larger than a year earlier. Medium- and short-grain total supplies are forecast at 72.3 million cwt, up 0.5 million cwt from the previous forecast and 7 percent larger than a year earlier. Although total supplies are forecast larger than a year earlier, they remain below record for all rice and for both classes of rice.

U.S. 2018/19 Export Forecast Raised 3.0 Million Cwt

On the use side, the 2018/19 total U.S. rice export forecast was raised 3.0 million cwt to 99.0 million cwt, 14 percent above a year earlier. Despite expectations of expanded exports in the 2018/19 market year (August-July), through October 2018, U.S. Census reported that exports on a rough-rice basis were nearly 16 percent behind a year earlier. In addition, shipments for each of the first 3 months of the 2018/19 market year were smaller than a year earlier. Thus, the pace of shipments will have to substantially increase to meet the current forecast.

Medium- and short-grain accounts for all of this month's upward revision in U.S. rice exports. At 32.0 million cwt, U.S. medium- and short-grain exports are up 3.0 million cwt from the previous forecast and 35 percent above the year-earlier abnormally low level. The upward revision is primarily based on much weaker expected exports from Australia in 2019 due to severe drought that sharply reduced plantings this fall, and thus reduced expectations regarding the April-May 2019 harvest size. Australia's 2017/18 crop was also reduced by drought, though not as severely as is projected for 2018/19, further tightening Australia's exportable supplies next year.

Australia is a major supplier of medium- and short-grain rice to Northeast Asia, the Middle East and North Africa, and Oceania. The U.S. is expected to pick up sales to some countries in these regions later in the 2018/19 market year. California typically supplies all U.S. rice exports to Northeast Asia, while the South supplies much of the U.S. rice shipped to the Middle East and North Africa. California also ships a small amount of rice to Oceania. Through October 2018, U.S. exports of medium- and short-grain rice (on a rough basis) were 21 percent ahead of a year earlier, with Japan accounting for most of the faster pace. Some of these sales were made in 2017/18 but not shipped until early 2018/19. The virtual elimination of Egypt as an exporter, a result of a 35-percent reduction in crop size, also accounts for expanded U.S. medium- and short-grain exports in 2018/19. In addition to exiting the export market, Egypt is expected to import a record 400,000 tons of rice in 2019, boosting global medium- and short-grain imports.

Long-grain exports remain projected at 67.0 million cwt, up 6 percent from a year earlier. The expected expansion in 2018/19 is based on larger U.S. supplies and more competitive prices. The United States is expected to eventually regain some lost market share in Latin America—primarily Mexico, Central America, and northern South America—where it has lost sales in recent years to several lower-priced South American exporters. These three markets take mostly rough rice from the United States. Although U.S. long-grain exports are projected to increase in 2018/19, through October 2018, U.S. shipments (on a rough-basis) were 22 percent behind a year earlier, with a slow pace of shipments to Venezuela a major factor. Through late November, Venezuela had purchased just 13,500 tons of rice from the United States, compared with 110,600 tons purchased a year earlier. In 2017/18, the United States sold 97,600 tons of rice to Venezuela, down from a record 322,500 tons in 2016/17. Brazil has accounted for the bulk of Venezuela' imports since early 2018, shipping about 0.5 million tons through September.

U.S. rough rice exports in 2018/19 remain projected at 32.0 million cwt, up 12 percent from 2017/18. The U.S. is expected to regain some lost market share in traditional U.S. long-grain rough-rice markets in Latin America, primarily in Mexico, Central America, and Venezuela. For medium- and short-grain rough rice, few if any sales to Turkey are projected in 2018/19 due to high tariff rates. However, the

U.S. could pick up additional medium- and short-grain rough-rice sales to markets in North Africa with the reduced shipments from Australia and Egypt.

U.S. milled rice exports (combined milled and brown rice exports on a rough basis) in 2018/19 remain projected at 67.0 million cwt, up 3.0 million cwt from the previous forecast and 15 percent above a year earlier. The upward revision is based on the U.S. acquiring additional sales in markets typically supplied by Australia—Northeast Asia, the Middle East and North Africa, and Oceania.

On an annual basis, Latin America (primarily Haiti) and Northeast Asia are likely to import more U.S. milled-rice in 2018/19, with some of the expected growth in Northeast Asia accounted for by shipments purchased in 2017/18. Haiti is expected to remain the largest market for U.S. long-grain milled rice, likely increasing purchases after the impact of violent protests in Port-au-Prince subside. U.S. sales to the Middle East are expected to be larger as well, also a result of larger supplies, weak or negligible shipments to the region from top competitors Egypt and Australia, and more competitive U.S. prices.

Total domestic and residual use of rice in 2018/19 remains projected at 133.0 million cwt, more than 1 percent below a year earlier. In addition to food and industrial uses of rice—primarily as pet food and beer—domestic and residual use accounts for post-harvest losses, including unreported losses in processing, marketing, and transporting. These losses are typically proportional to the crop size. Long-grain domestic and residual use remains projected at 103.0 million cwt, 4.5 percent larger than the 2017/18 level. Medium- and short-grain domestic and residual use remains projected at 30.0 million cwt, 17 percent below the abnormally high level for 2017/18.

U.S. Ending Stocks Projected To Increase 50 Percent in 2018/19

U.S. ending stocks of all rice in 2018/19 are projected at 44.2 million cwt, a decrease of 2.5 million cwt from the previous forecast but 50 percent larger than a year earlier. The substantial buildup in ending stocks in 2018/19, despite stronger total use, is mostly due to a 22.5-percent increase in production as well as record imports. The 2018/19 stocks-to-use ratio is projected at 19.0 percent, well above the abnormally tight 13.3 percent in 2017/18.

The stocks situation varies somewhat by class. Long-grain 2018/19 ending stocks are projected at 32.4 million cwt, 60 percent larger than a year earlier. These are the largest long-grain ending stocks since 2010/11. The long-grain stocks-to-use ratio is projected at 19.1 percent, up from just 12.6 percent in 2017/18. Ending-stocks and the stocks-to-use ratio of these levels are expected to put downward pressure on U.S. long-grain prices during the 2018/19 market year.

For medium- and short-grain rice, 2018/19 ending stocks are projected at 10.3 million cwt, down 2.5 million cwt from the previous forecast but 36 percent larger the year-earlier abnormally low level. The medium- and short-grain stocks-to-use ratio is projected at 16.7 percent, up from just 12.8 percent in 2017/18.

California 2018/19 Rough Rice Price Forecast Raised

There were several revisions this month to the 2018/19 U.S. medium- and short-grain season-average farm price forecasts (SAFP). The California 2018/19 SAFP was increased 50 cents on both the high and low ends to $17.80-$18.80 per cwt, compared with $18.70 in 2017/18. The upward revision was largely based on the October reported cash price and stronger expected demand for California rice due to a much smaller crop in Australia. The southern 2018/19 medium- and short-grain season-average farm price range was increased 10 cents on both ends to $11.70-$12.70 per cwt, compared with $11.70 in 2017/18. The slight upward revision is based on the higher California price and expectations that global demand for southern medium grain will also be boosted by much weaker shipments from Australia.

The U.S. 2018/19 medium- and short-grain season-average farm price is projected at $16.00-$17.00 per cwt, up 40 cents on both ends of the forecast range. This compares with $16.20 a year earlier. The 2018/19 long-grain SAFP remains projected at $10.20-$11.20 per cwt, down from $11.50 a year earlier, the decline is mostly due to larger supplies and a much higher expected carryout. The all-rice 2018/19 season-average farm price is projected at $11.60-$12.60 per cwt, up 10 cents on both ends of the range from the previous forecast, a result of the higher medium- and short-grain prices projected for both regions.

Monthly NASS reported cash prices declined in October from a month earlier for both classes of rice and both regions. The October long-grain rough-rice cash price was reported at $10.90 per cwt, down 50 cents from September; the decline was largely a response to the near-completion of the harvest of the main crop in the South. The southern medium- and short-grain rough rice price was reported at $11.70 per cwt, down $1.00 from September. The bulk of this crop is grown in Arkansas. The California medium- and short-grain October price was reported at $17.30 per cwt, also down $1.00 from the September price, with peak harvest in October. The U.S. medium- and short-grain October price was reported at $15.60 per cwt, down 90 cents from September. Finally, the U.S. all-rice October cash price was reported at $11.90 per cwt, down 30 cents from September.

International Outlook

Production Forecasts for 2018/19 Raised for Nigeria and Nepal; Lowered for Australia and Thailand

Global rice production in 2018/19 is projected at 491.1 million tons (milled basis), up 0.4 million tons from the previous forecast but almost 1 percent below the year-earlier record. Global rice harvested area in 2018/19 is projected at a record 162.8 million hectares, up almost 0.2 million from 2017/18. Bangladesh, India, Sri Lanka, Thailand, and the United States account for most of the expanded rice area. In contrast, the average global yield of 4.51 tons per hectare is slightly below the year-earlier record of 4.56 tons, partly due to a decline in area by some high yielding countries, particularly China and Egypt.

There were five upward production revisions for 2018/19 this month. First, Nigeria's 2018/19 production forecast was raised 1.0 million tons to a record 4.8 million tons based on substantially larger area and yield forecasts. At 3.6 million hectares, Nigeria's rice harvested area is up 400,000 hectares from the previous forecast but unchanged from the year-earlier revised estimate. The yield of 2.92 tons per hectare (rough basis) is up sharply from the previous forecast of 1.88 tons and is the highest on record. These substantial revisions to Nigeria's area, yield, and production forecasts for 2018/19 are based on a new Government of Nigeria area and production data series starting in 2016/17 that sharply increased estimates for both accounts. The much higher crop estimates for Nigeria indicate higher total and per capita consumption

Second, Nepal's 2018/19 rice production forecast was increased 0.2 million tons to 3.53 million tons based on a much higher yield. The record yield of 3.53 tons per hectare is the result of some switching to hybrid varieties from traditional varieties and generally favorable growing conditions all year. Nepal's production is up 7 percent from a year earlier, with harvested area of 1.5 million hectares up slightly from a year earlier but below record. Third, the EU's 2018/19 production forecast was raised 30,000 tons to 2.0 million tons based on a higher yield in Spain, the second largest producer in the EU. At 585,000 tons, Spain's rice crop is up 17,000 tons from a year earlier.

Fourth, Russia's 2018/19 rice production was increased 40,000 tons to 670,000 tons based on a higher yield reported by the Government of Russia. Finally, Venezuela's 2018/19 rice production forecast was increased 20,000 tons to 170,000 tons based on a slightly higher yield. Farmers have been better able to control the panicle blight disease that has sharply reduced the 2018/19 crop. Despite the improved outlook, production in Venezuela is projected to be 38 percent below a year earlier and the lowest since 1972/73. The substantial decline in production is mostly due to a 36-percent drop in area to just 86,000 hectares, also the smallest since 1972/73. Lack of inputs, foreign exchange and credit, low profitability, and the panicle blight disease are all responsible for the collapse in Venezuela's production in 2018/19.

These upward revisions were partially offset by four reductions. First, Australia's 2018/19 production forecast was lowered 300,000 tons to just 110,000 tons, down 76 percent from a year earlier and the smallest since 2008/09 when drought also cut production. The substantial revision is based on a much lower harvested area estimate. At 15,000 hectares, 2018/19 rice harvested area in Australia is 75 percent below a year earlier and the smallest since 2008/09. The substantial decline in harvested area is due to very limited availability of affordable water and reduced water allocations in southern New South Wales. Water storage is down due to several months of drought in the catchment region. The crop was planted in October 2018 for harvest in April-May 2019. The reduced 2018/19 Australian rice crop is expected to sharply lower exports in 2019.

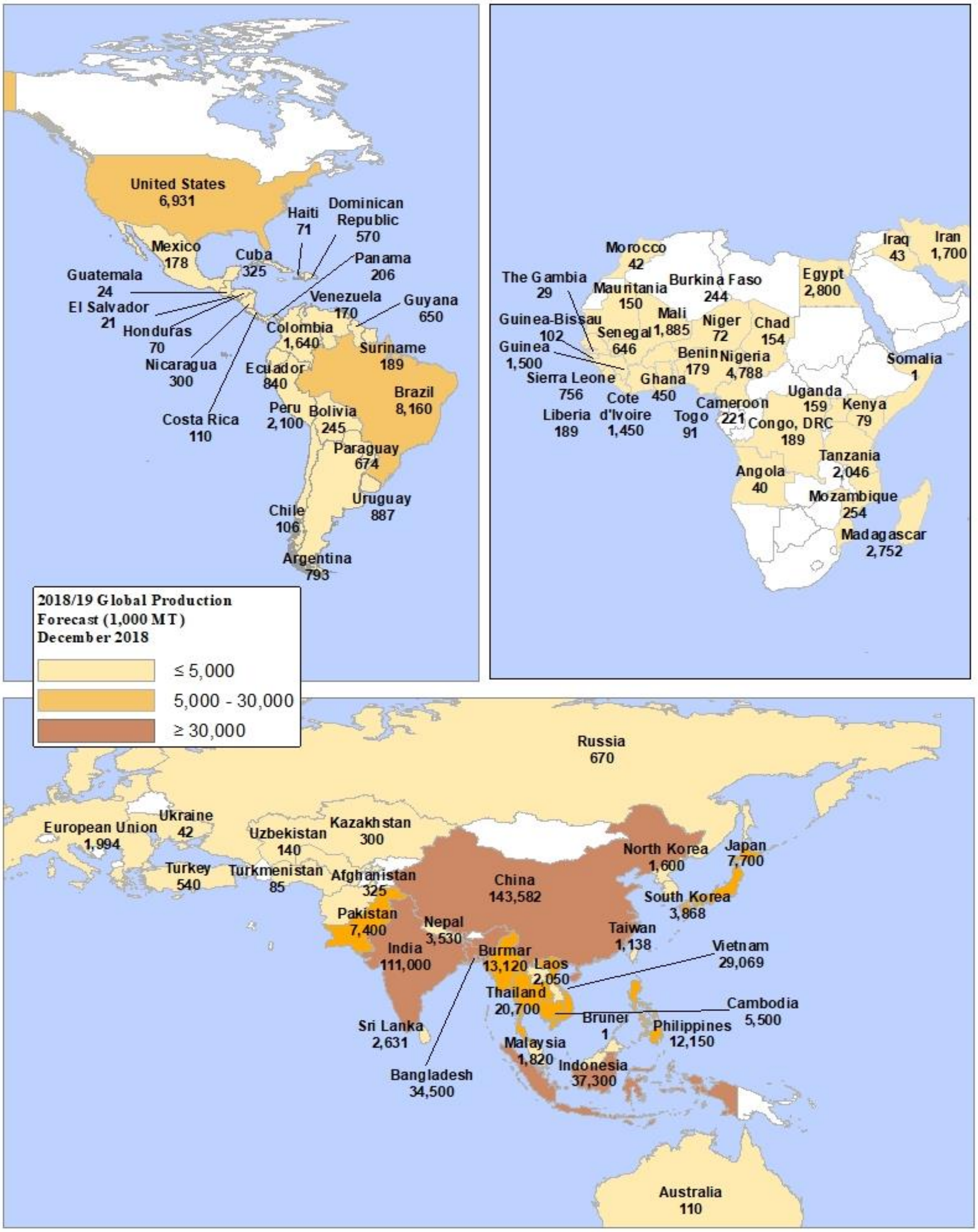
Second, Thailand’s 2018/19 production forecast was lowered 0.5 million tons to 20.7 million tons based on a lower harvested area estimate. At 10.96 million hectares, Thailand’s 2018/19 area is down 180,000 hectares—both main season and off-season crops—from the previous forecast but still up nearly 3 percent from a year earlier. The 2018/19 area expansion is largely due to favorable prices at planting. Despite the increase, harvested area remains below the 2011/12 record of 11.0 million hectares. The average yield was lowered fractionally this month as well. The rice harvested area forecast was lowered due to a combination of flood, drought, and limited water supplies in the northeastern region. Some of the lost area in the northeast is expected to be offset by expanded off-season plantings in the northern region and central plains. Total production in Thailand is up 1.6 percent from a year earlier and the highest on record.

Third, Cuba’s 2018/19 production forecast was lowered 50,000 tons to 325,000 tons due to a smaller harvested area forecast. The downward revision in Cuba’s 2018/19 area and production are based on revised Government of Cuba data for 2017/18 showing much smaller production and area. Cuba’s production in 2018/19 is still up 24 percent from the year-earlier revised estimate. Finally, South Korea’s 2018/19 production forecast was lowered 7,000 tons to 3.87 million based on a slightly lower yield reported by the Government of South Korea. South Korea’s production is 2.6 percent below a year earlier and the smallest crop since 1968/69. The smaller crop is the result of long-term policy-driven area decline.

The 2017/18 global production forecast was raised 752,000 tons to 495.1 million, 1 percent above a year earlier and the highest on record. Nigeria accounted for the bulk of the upward revision. Nigeria’s 2017/18 production estimate was raised 882,000 tons to a record 4.66 million tons based on a much larger area estimate reported by the Government of Nigeria in its new data series that begins in 2016/17. This upward revision was partially offset by a 107,000-ton reduction in Cuba’s 2017/18 production estimate to 263,000 tons, a result of a much smaller harvested area estimate. The revised data are from the Government of Cuba. In addition, Peru’s 2017/18 production estimate was lowered 23,000 tons to 2.10 tons based on a smaller area estimate reported by the Government of Peru.

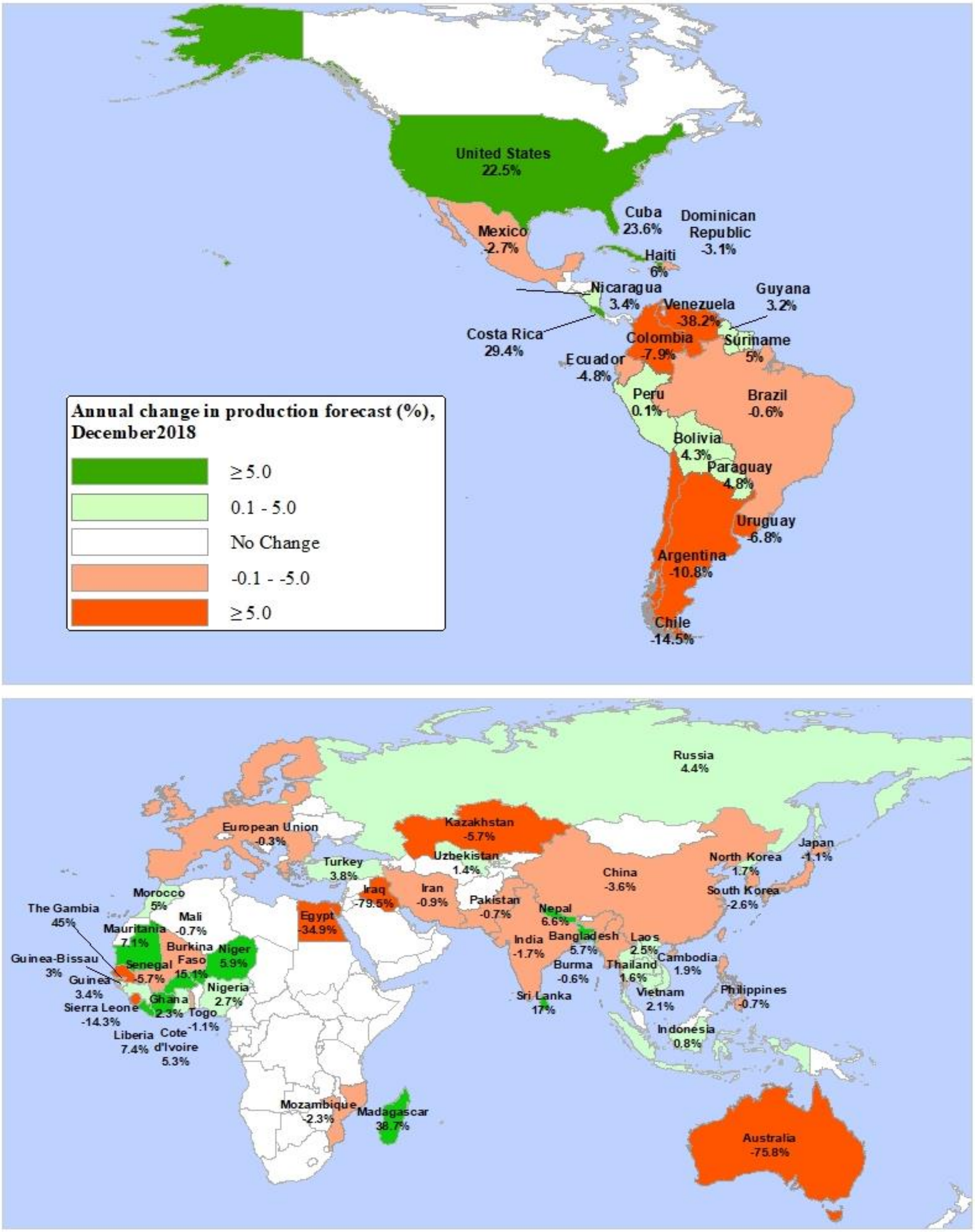
Global rice consumption (including a residual component) in 2018/19 is forecast at a record 489.6 million tons, up 1.2 million tons from the previous forecast and nearly 2 percent larger than a year earlier. Nigeria, Nepal, and Thailand account for most of this month’s upward revision in global consumption and residual. In contrast, consumption and residual forecasts were lowered for Cuba, Australia, and Indonesia. With production exceeding consumption by 1.6 million tons, global ending stocks of 163.3 million tons are up 0.2 million tons from the previous forecast and 1 percent larger than a year earlier. These are the largest ending stocks on record and the 12th consecutive year of a global stocks buildup. At 33.4 percent, the global stocks to use ratio of 33.3 percent is slightly below 33.5 percent in 2017/18 and below the 2000/01 record of 37.1 percent. China accounts for 69 percent of 2018/18 global ending stocks and most of the expected year-to-year increase.

Map 1: December 2018 production forecast for market year 2018/19



Source: Created by the U.S. Dept. of Agriculture Economic Research Service with data from U.S. Dept. of Agriculture, Foreign Agricultural Service, Production, Supply and Distribution Database.

Map 2. Changes in production forecast from marketing years 2017/18 to 2018/19, December 2018



Source: Created by the U.S. Dept. of Agriculture Economic Research Service with data from U.S. Dept. of Agriculture, Foreign Agricultural Service, Production, Supply and Distribution Database.

Export Forecasts for 2019 Lowered for Thailand and Australia

Global rice trade for trade year 2019 is projected at a record 48.3 million tons, down 0.9 million tons from the previous forecast but fractionally above 2018. This is the third consecutive year of record global trade, with strong imports by Sub-Saharan Africa and China major factors behind the record exports since 2017. Export forecasts for 2019 for Australia and Thailand were lowered this month. On the 2019 import side, forecasts were lowered for Cuba, the EU, Indonesia, and Nigeria.

Table A - Rice imports at a glance for 2018 and 2019 (1,000 MT), December 2018				
Country or region	Trade	Month-to-month forecast	Year-to-year forecast change	Comments on month-to-month forecast changes
Thousand metric tons				
Rice Imports, 2019				
Australia	200	40 ↑	45 ↑	Significantly lower crop
Cuba	500	-50 ↓	0 →	Consumption trend and trade so far
European Union	2,000	-50 ↓	0 →	Larger crop
Indonesia	800	-400 ↓	-1,350 ↓	Intention to lower imports
Nigeria	2,400	-600 ↓	300 ↑	Intention to lower imports
Russia	240	-20 ↓	0 →	Larger crop
United States	900	25 ↑	45 ↑	Larger imports into Puerto Rico
Rice Imports, 2018				
China	4,800	-200 ↓	-1,100 ↓	Slower trade
The Gambia	220	30 ↑	40 ↑	Near-final data
Indonesia	2,150	50 ↑	1,800 ↑	Near-final data
South Korea	420	20 ↑	8 ↑	Trade data
Nepal	650	50 ↑	115 ↑	Imports from India
Nigeria	2,100	-500 ↓	-400 ↓	Trade data
Peru	300	-30 ↓	-81 ↓	Pace of trade
Russia	240	-20 ↓	-4 ↓	

Table B - Rice exports at a glance for 2018 and 2019 (1,000 MT), December 2018				
Country or region	Trade	Month-to-month forecast	Year-to-year forecast change	Comments on month-to-month forecast changes
Thousand metric tons				
Rice Exports, 2019				
Australia	50	-210 ↓	-225 ↓	Smaller crop
Thailand	10,300	-700 ↓	-400 ↓	Smaller crop
Rice Exports, 2018				
Brazil	1,050	50 ↑	456 ↑	Rapid pace of exports
Burma	2,800	-200 ↓	-500 ↓	Recent slowed trade
Peru	80	-20 ↓	-20 ↓	Smaller crop
Russia	140	-20 ↓	-35 ↓	Trade data
Vietnam	6,700	-300 ↓	212 ↑	Pace of trade

Source: Created by the U.S. Dept. of Agriculture Economic Research Service with data from U.S. Dept. of Agriculture, Foreign Agricultural Service, Production, Supply and Distribution Database.

U.S. Prices Remain Steady, Thailand's Rise, Vietnam's Drop

Price quotes for most grades of Thailand's regular milled white rice increased around 1 percent over the past month, mostly due to some strengthening of the Thai baht and new purchases of white rice by China and the Philippines. For the week ending December 3, Thailand's 100-percent grade B milled white rice was quoted at $395 per ton, up $3 from the week ending November 5. Prices for Thailand's lower quality 15-percent brokens were quoted at $378 per ton for the week ending December 3, also up $3 from the week ending November 5. In contrast, prices for Thailand's premium jasmine rice—an aromatic—were quoted at $1,053 per ton for the week ending December 3, down $30 from the week ending November 5. All price quotes for Thailand's rice are from the *Weekly Rice Price Update* reported by the U.S. Agricultural Office in Bangkok.

Price quotes for Vietnam's rice decreased 3-4 percent over the past month, mainly due to a lack of new orders. For the week ending December 4, prices for Vietnam's 5-percent broken, regular milled white rice were quoted at $400 per ton, down $15 from the week ending November 6. Vietnam's prices are now about $15 higher than for comparable grades of rice from Thailand, an unusual price relationship. Vietnam's premium over Thailand's prices is likely the result of the large Philippine import tender that is currently ongoing, where Vietnam is expected to be the primary supplier. Vietnam's rice typically sells at $30 to $50 below comparable grades of Thailand's rice.

U.S. prices for long-grain milled rice were unchanged over the past month. For the week ending December 4, prices for high-quality U.S. Southern long-grain rice (No. 2, 4-percent brokens, bagged, free on board (fob) vessel, U.S. Gulfport) were quoted at $550 per ton, unchanged since early October. The U.S. price difference over Thailand's 100-percent Grade B milled rice decreased slightly to $155 per ton from $158 a month earlier and is still well below the near-record $226 per ton in early July. Prices for U.S. long-grain rough-rice (bulk, fob vessel, New Orleans) were quoted at $300 per ton for the week ending December 4, up $5 from the week ending November 6.

In contrast, California prices for domestic sales continued to decline, largely a response to the completion of the harvest of a substantially larger crop this year. California medium-grain milled rice (No. 1, 4-percent brokens, sacked, free on board, domestic mill) were quoted at $800 per ton for the week ending December 4, down $20 from the week ending November 6. Export prices for California medium-grain milled-rice (4-percent brokens, sacked, on board vessel in Oakland) remain quoted at $925 per ton for the week ending December 4, unchanged since early October. Price quotes for Vietnam, U.S. long- and medium-grain milled-rice, and U.S. rough-rice export prices are from the weekly *Creed Rice Market Report.* All price quotes for Thailand's rice are from the *Weekly Rice Price Update* reported by the U.S. Agricultural Office in Bangkok.

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New Rice ERS Reports

Two new ERS reports provide additional detail on the domestic and international rice markets:

U.S. Rice Production in the New Millennium: Changes in Structure, Practices, and Costs by McBride, Raszap Skorbiansky, and Childs discusses changes on U.S. rice farm structure and technology over the past two decades. Report findings include an expansion on per farm acreage, increased adoption of hybrid and non-genetically modified herbicide-tolerant rice seeds, and an increase in farm productivity.

Rice in Asia's Feed Markets by Raszap Skorbiansky, Childs, and Hansen explore the growing trend of feed rice in Asia's markets, and simulate the effect on global trade if China were to release rice from its stockpiles for feed consumption. The report finds that a release of China's stocks into feed markets affects both rice and feed markets. However, the magnitude of the effect on global feed prices is heavily dependent on whether producers substitute the rice for domestic or imported feed grains.

More information on these studies can be found on the ERS website.

Suggested Citation

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Tables

Table 1--U.S. rice supply and use 1/

Item	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 2/
TOTAL RICE				Million acres			
Area:							
Planted	2.700	2.490	2.954	2.625	3.150	2.463	2.943
Harvested	2.679	2.469	2.933	2.585	3.097	2.374	2.902
				Pounds per harvested acre			
Yield	7,463	7,694	7,576	7,472	7,237	7,507	7,522
				Million cwt			
Beginning stocks	41.1	36.4	31.8	48.5	46.5	46.0	29.4
Production	199.9	190.0	222.2	193.1	224.1	178.2	218.3
Imports	21.1	23.1	24.6	24.1	23.5	26.9	28.5
Total supply	262.1	249.5	278.7	265.8	294.1	251.2	276.2
Food, industrial, & residual 3/	116.9	122.0	131.8	109.9	131.3	132.5	N/A
Seed	2.2	2.4	2.1	2.5	2.0	2.3	N/A
Total domestic use	119.0	124.4	133.9	112.4	133.2	134.8	133.0
Exports	106.6	93.3	96.3	107.0	114.8	87.0	99.0
Rough	34.1	28.0	32.3	39.3	40.4	28.6	32.0
Milled 4/	72.5	65.3	63.9	67.7	74.4	58.4	67.0
Total use	225.7	217.6	230.2	219.3	248.0	221.8	232.0
Ending stocks	36.4	31.8	48.5	46.5	46.0	29.4	44.2
				Percent			
Stocks-to-use ratio	16.1	14.6	21.1	21.2	18.6	13.2	19.0
				$/cwt			
Average farm price 5/	15.10	16.30	13.40	12.20	10.40	12.70	11.60 to 12.60
				Percent			
Average milling rate	70.00	71.00	70.50	70.00	70.00	70.00	70.00

N/A = not available. Cwt = hundredweight. 1/ August-July market year; rough equivalent. 2/ Projected. 3/ Residual includes unreported use, processing losses, and estimating errors. 4/ Rough-rice equivalent. 5/ Market-year weighted average.
Source: *World Agricultural Supply and Demand Estimates,* USDA, World Agricultural Outlook Board.
Updated December 11, 2018.

Table 2--U.S. rice supply and use, by class 1/						
Item	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 2/
LONG GRAIN:						
	Million acres					
Planted	1.781	2.211	1.879	2.442	1.811	--
Harvested	1.767	2.196	1.848	2.403	1.748	--
	Pounds per harvested acre					
Yield	7,464	7,407	7,219	6,927	7,314	--
	Million cwt					
Beginning stocks	21.9	16.2	26.5	22.7	31.0	20.3
Production	131.9	162.7	133.4	166.5	127.9	158.6
Imports	20.5	21.8	20.9	20.3	23.3	23.5
Total supply	174.2	200.6	180.7	209.4	182.2	202.4
Domestic use 3/	96.1	105.6	82.1	101.8	98.6	103.0
Exports	61.9	68.5	75.9	76.6	63.3	67.0
Total use	158.0	174.2	158.0	178.4	161.9	170.0
Ending stocks	16.2	26.5	22.7	31.0	20.3	32.4
	Percent					
Stocks-to-use ratio	10.3	15.2	14.4	17.4	12.6	19.1
	$/cwt					
Average farm price 4/	15.40	11.90	11.20	9.61	11.50	10.20 to 11.20
MEDIUM/SHORT GRAIN:	Million acres					
Planted	0.709	0.743	0.746	0.708	0.652	--
Harvested	0.702	0.737	0.737	0.694	0.626	--
	Pounds per harvested acre					
Yield	8,270	8,080	8,107	8,311	8,048	--
	Million cwt					
Beginning stocks	12.2	13.3	20.2	20.9	11.5	7.6
Production	58.1	59.6	59.7	57.7	50.4	59.7
Imports	2.6	2.9	3.3	3.2	3.5	5.0
Total supply 5/	72.9	76.1	82.2	81.1	67.5	72.3
Domestic use 3/	28.2	28.3	30.3	31.4	36.2	30.0
Exports	31.4	27.7	31.0	38.2	23.7	32.0
Total use	59.6	56.0	61.3	69.6	59.9	62.0
Ending stocks	13.3	20.2	20.9	11.5	7.6	10.3
	Percent					
Stocks-to-use ratio	22.4	36.0	34.1	16.5	12.8	16.7
	$/cwt					
Average farm price						
U.S. average 4/ 6/	19.20	18.30	15.30	13.10	16.20	16.00 to 17.00
California 6/ 7/	20.70	21.60	18.10	14.10	18.70	17.80 to 18.80
Other States 4/	15.70	14.40	11.20	10.10	11.70	11.70 to 12.70
Ending stocks difference 1/	2.3	1.9	2.9	3.5	1.4	N/A

-- = Not available. Cwt = hundredweight. 1/ Stock totals by type omit brokens, which are included in total stocks for all types of rice in table 1. 2/ Projected. 3/ Includes residual. 4/ Market year begins August 1. 5/ Accounts for the difference in beginning and ending stocks of brokens. Thus, total supply of medium/short-grain may not equal the sum of beginning stocks, production, and imports. 6/ The medium/short-grain season-average farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ.
7/ Market year begins October 1.
Source: *World Agricultural Supply and Demand Estimates, USDA,* World Agricultural Outlook Board.
Last updated December 11, 2018.

Table 3--U.S. monthly average farm prices and marketings

Month	2018/19 $/cwt	2018/19 1,000 cwt	2017/18 $/cwt	2017/18 1,000 cwt	2016/17 $/cwt	2016/17 1,000 cwt
August	13.90	4,553	11.30	10,290	11.70	8,327
September	12.20	7,951	11.50	10,475	10.60	10,006
October	11.90	14,485	12.20	14,155	10.40	15,659
November			13.30	14,111	10.50	15,632
December			12.70	15,622	10.50	18,014
January			13.40	20,769	10.90	19,681
February			12.50	13,319	10.10	16,073
March			12.50	13,737	10.10	18,776
April			12.90	13,143	10.10	18,353
May			12.60	11,910	10.20	16,874
June			13.00	9,285	10.20	15,444
July			13.30	9,315	10.80	14,096
Average to date	12.33 1/					
Season-average farm price	11.60-12.60		12.70		10.40	
Average marketings		8,996		13,011		15,578
Total volume marketed		26,989		156,131		186,935

Cwt = hundredweight. 1/ Weighted average.

Source: Monthly cash price and marketings, *Agricultural Prices, USDA,* National Agricultural Statistics Service.

Last updated December 11, 2018.

Table 4 -- U.S. monthly average farm prices and marketings by class

	Long-grain				Medium- and short-grain			
	2018/19		2017/18		2018/19		2017/18	
Month	$/cwt	1,000 cwt	$/cwt	1,000 cwt	$/cwt	1,000 cwt	$/cwt	1,000 cwt
August	11.90	3,109	10.60	8,505	18.20	1,444	14.90	1,785
September	11.40	6,658	11.00	8,508	16.50	1,293	13.60	1,967
October	10.90	11,374	11.00	10,155	15.60	3,111	15.40	4,000
November			11.20	9,380			17.60	4,731
December			11.40	11,437			16.50	4,185
January			11.60	13,676			16.80	7,093
February			11.70	10,085			15.20	3,234
March			11.70	11,036			15.70	2,701
April			11.80	10,061			16.30	3,082
May			11.80	9,703			16.40	2,207
June			11.90	7,052			16.40	2,233
July			11.90	6,580			16.80	2,735
Average to date 1/	11.20				16.44			
Season-average farm price	10.20-11.20		11.50		16.00-17.00		16.20	
Average marketings		7,047		9,682		1,949		3,329
Total volume marketed		21,141		116,178		5,848		39,953

Market year August-July. Cwt = hundredweight. 1/ Weighted average.

2/ The medium/short-grain season-average farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ.

Source: Monthly cash price and marketings, *Agricultural Prices,* USDA, National Agricultural Statistics Service.

Last updated December 11, 2018.

Table 5--U.S. medium- and short-grain monthly rough-rice cash prices by region 1/

Month	California 2018/19	California 2017/18	Month	Other States 2/ 2018/19	Other States 2/ 2017/18
	$/cwt			$/cwt	
October	17.30	18.20	August	14.00	11.00
November		19.30	September	12.70	10.80
December		18.80	October	11.70	11.00
January		19.20	November		11.10
February		18.40	December		11.30
March		18.50	January		11.50
April		18.40	February		12.30
May		18.10	March		11.80
June		18.30	April		12.30
July		18.40	May		11.90
August		18.80	June		12.50
September		18.30	July		12.50
Simple average to date	17.30			12.80	
Market-year average	17.80-18.80 3/	18.70		11.70-12.70 3/	11.70

Cwt = hundredweight. 1/ The California market year begins October 1; the Other States' market year begins August 1. 2/ The remaining U.S. rice growing States are Arkansas, Louisiana, Mississippi, Missouri, and Texas. 3/ Season-average price forecast.

Source: *Quick Stats, USDA,* National Agricultural Statistics Service, http://www.nass.usda.gov/Quick_Stats/.

Last updated December 11, 2018.

Table 6--USDA-calculated world market rice prices (rough basis) 1/

Month	2018/19 Long-grain	2018/19 Medium/ short-grain	2017/18 Long-grain	2017/18 Medium/ short-grain	2016/17 Long-grain	2016/17 Medium/ short-grain
	$/cwt					
August	9.84	10.03	9.61	9.96	9.27	9.48
September	9.37	9.55	9.72	10.07	8.66	8.86
October	9.22	9.40	9.73	10.08	8.43	8.62
November	9.10	9.27	9.75	10.10	8.39	8.58
December 2/	9.10	9.27	9.86	10.22	8.46	8.65
January			10.39	10.77	8.55	8.74
February			10.45	10.79	8.59	9.01
March			10.28	10.63	8.60	9.02
April			10.70	11.06	8.65	9.07
May			11.16	11.54	9.08	9.54
June			10.95	11.32	9.98	10.48
July			10.46	10.81	9.99	10.50
Market-year average 1/	9.33	9.50	10.26	10.61	8.89	9.21

Cwt = hundredweight. 1/ Simple average of the U.S. Department of Agriculture's weekly adjusted world market price.
2/ 2018/19 Preliminary. Source: USDA, Farm Service Agency, Economic and Policy Analysis, Rice Reports,
http://www.fsa.usda.gov/programs-and-services/economic-and-policy-analysis/food-grains-analysis/rice-reports/index
Last updated December 11, 2018.

Table 7--U.S. rice imports 1/

Country or region	2011/12 market year	2012/13 market year	2013/14 market year	2014/15 market year	2015/16 market year	2016/17 market year	2017/18 market year	2017/18 through October	2018/19 through October
	1,000 tons								
ASIA	541.5	624.8	647.1	703.1	676.8	692.8	773.9	186.0	184.7
China	3.6	2.7	3.2	4.8	3.9	4.0	13.1	1.4	21.9
India	110.5	129.3	138.8	128.7	166.6	150.0	183.3	48.6	48.0
Pakistan	15.2	17.7	26.6	25.2	27.6	21.0	21.9	4.4	4.1
Thailand	387.6	393.8	428.6	472.2	437.3	482.3	529.3	125.6	105.4
Vietnam	21.7	77.8	45.4	67.5	35.6	29.0	19.6	4.9	3.8
Other	2.8	3.6	4.5	4.9	5.7	6.5	6.7	1.3	1.5
EUROPE & FORMER SOVIET UNION	14.3	12.0	12.0	14.5	16.3	17.7	17.1	3.2	3.1
Italy	5.2	7.5	8.2	9.0	9.5	11.7	11.7	2.6	2.1
Spain	4.7	2.3	1.2	1.8	2.1	1.7	4.1	0.3	0.7
Russia	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
United Kingdom	0.0	0.1	0.5	2.3	3.2	2.8	0.4	0.1	0.0
Other	4.3	2.1	2.0	1.4	1.5	1.4	0.9	0.2	0.3
WESTERN HEMISPHERE	64.5	35.9	41.0	47.1	76.6	36.3	63.6	9.4	11.3
Argentina	3.4	5.5	4.0	5.4	5.9	4.9	5.3	0.6	1.7
Brazil	30.5	5.0	14.4	16.5	51.8	15.2	39.0	4.5	2.8
Canada	16.3	12.1	13.8	11.5	10.5	11.8	16.2	3.6	4.7
Mexico	1.1	1.0	1.2	1.2	2.0	2.0	1.8	0.4	0.3
Uruguay	13.2	12.3	5.3	6.2	3.2	0.9	1.0	0.2	1.7
Other	0.0	0.1	2.3	6.3	3.2	1.5	0.3	0.0	0.1
OTHER	1.0	1.9	40.3	24.7	3.0	3.7	4.3	0.6	2.4
Egypt	0.0	0.6	0.0	0.1	0.4	0.0	0.0	0.0	0.0
United Arab Emirates	0.5	0.4	1.0	0.9	0.6	2.5	1.3	0.4	0.1
Australia	0.0	0.4	37.4	23.1	1.0	0.6	2.3	0.2	2.2
Other	0.4	0.4	1.9	0.6	0.0	0.6	0.7	0.1	0.1
TOTAL	621.2	674.6	740.4	789.4	772.7	750.5	858.9	199.2	201.4

1/ Total August-July imports reported by the U.S. Census Bureau.
All data are reported on a product-weight basis. Categories may not sum to total due to roundin
Source: Department of Commerce, U.S. Census Bureau
Last updated December 11, 2018.

Table 8--U.S. commercial rice exports

Country or region	2010/11 market year 1/	2011/12 market year 1/	2012/13 market year 1/	2013/14 market year 1/	2014/15 market year 1/	2015/16 market year 1/	2016/17 market year 1/	2017/18 market year 1/	2017/18 Through Nov 30, 2017 2/	2018/19 Through Nov 29, 2018 2/
					1,000 tons					
EUROPE & FSU	101.7	61.3	41.7	38.1	30.2	22.2	14.0	27.8	14.1	8.8
European Union	90.3	52.2	37.7	30.6	26.8	18.6	11.0	24.8	13.1	7.6
Other Europe	5.3	5.5	1.1	2.9	2.3	2.5	2.0	2.1	0.6	0.8
Former Soviet Union (FSU)	6.1	3.6	2.9	4.6	1.1	1.1	1.0	0.9	0.4	0.4
NORTHEAST ASIA	473.6	592.3	561.4	474.6	464.1	608.3	690.3	451.4	232.1	217.5
Hong Kong	0.6	2.6	6.2	6.2	0.3	1.1	13.2	9.6	6.4	4.0
Japan	355.3	375.5	347.6	364.2	307.7	429.6	428.8	322.5	158.9	178.2
South Korea	100.6	148.6	145.1	72.1	123.5	132.6	220.8	88.3	42.0	30.5
Taiwan	17.1	65.6	62.5	32.1	32.6	45.0	27.5	31.0	24.8	4.8
OTHER ASIA, OCEANIA, & THE MIDDLE EAST	641.8	499.9	463.6	605.8	468.7	487.2	468.4	281.0	218.4	236.9
Australia	15.8	10.0	9.1	10.4	6.5	5.5	5.4	5.0	1.9	1.1
Iran	0.0	4.9	125.7	0.0	0.0	61.4	0.0	0.0	0.0	0.0
Iraq	114.0	0.0	0.0	132.5	123.5	155.4	31.6	96.4	107.2	121.4
Israel	33.3	22.4	16.9	19.2	9.3	13.7	15.2	7.4	5.3	7.5
Jordan	83.0	93.2	71.2	88.7	71.9	82.2	98.5	61.1	44.9	36.4
Micronesia	6.0	6.2	5.5	2.0	2.0	1.1	1.7	0.4	0.1	0.1
New Zealand	6.5	3.0	3.0	3.8	2.1	2.4	3.1	3.1	1.5	1.6
Papua New Guinea	9.4	0.0	0.0	0.0	12.4	20.9	2.0	0.0	0.0	0.0
Saudi Arabia	118.0	107.1	122.8	90.9	111.7	97.0	141.0	91.6	50.6	57.8
Singapore	5.3	5.8	6.6	7.5	3.8	3.3	4.5	2.7	1.4	0.9
Syria	13.6	21.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Turkey	200.3	189.8	75.4	219.5	106.9	22.4	130.0	0.6	0.6	1.0
Rest of Asia, Oceania, and Middle East	36.6	35.6	27.4	30.3	18.6	21.9	35.4	12.7	4.9	9.1
AFRICA	432.4	179.6	249.1	110.8	128.0	91.4	147.9	54.1	13.3	18.1
Algeria	1.9	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
Ghana	100.2	94.0	112.1	41.7	29.8	0.0	4.2	6.8	6.3	4.3
Guinea-Conakry	5.0	11.0	4.4	3.6	4.1	3.1	3.4	1.3	0.1	1.0
Liberia	38.5	26.7	15.5	6.3	0.5	1.8	4.4	7.7	6.3	10.2
Libya	152.9	24.8	89.5	47.8	93.2	86.2	85.1	38.1	0.4	2.5
Nigeria	52.1	6.1	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	49.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa	1.1	0.5	0.9	0.8	0.1	0.2	0.2	0.2	0.1	0.1
Togo	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Africa	7.0	16.5	8.3	10.6	0.4	0.1	47.6	0.0	0.1	0.0
WESTERN HEMISPHERE	2,058.3	1,785.0	2,110.9	1,811.2	2,176.0	2,150.6	2,198.1	2,003.4	968.3	951.6
Bahamas	6.3	6.3	6.3	6.0	6.1	4.9	4.0	4.5	1.7	2.1
Brazil	20.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Canada	148.6	147.7	145.8	138.6	139.3	151.1	125.1	122.9	58.4	54.7
Colombia	0.2	0.1	150.1	138.9	285.3	159.2	104.5	144.4	52.3	40.1
Costa Rica	69.7	58.1	75.3	63.1	91.3	79.4	58.8	66.9	32.7	44.0
Dominican Republic	7.0	8.9	1.7	7.9	6.5	15.0	36.6	15.5	0.6	1.9
El Salvador	77.0	76.5	83.8	70.1	76.4	89.6	67.4	71.1	31.8	36.6
Guatemala	69.4	81.4	77.6	81.5	75.3	113.1	118.6	105.4	45.1	50.5
Haiti	248.9	233.4	342.0	323.9	362.1	403.0	423.7	421.0	205.0	172.5
Honduras	136.8	140.0	122.4	142.4	132.0	151.8	152.2	161.5	90.3	142.1
Jamaica	25.5	11.6	1.2	1.2	1.2	1.2	0.0	0.7	0.2	0.3
Leeward & Windward Islands	9.4	10.2	2.9	1.6	0.5	0.7	0.7	0.8	0.3	0.4
Mexico	848.5	803.7	749.5	690.7	716.7	618.7	709.3	695.9	328.4	385.2
Netherlands Antilles	4.8	4.7	4.7	4.6	4.3	4.1	2.9	2.9	0.7	1.2
Nicaragua	142.2	40.6	39.9	10.3	2.0	0.0	6.1	10.0	0.0	0.8
Panama	88.2	59.7	39.3	24.1	45.8	67.8	65.5	40.6	9.8	5.0
Venezuela	149.6	94.1	262.5	98.9	223.9	287.7	318.9	137.6	110.6	13.5
Other Western Hemisphere	6.2	7.9	5.8	7.3	7.2	3.3	3.8	1.7	0.6	0.7
UNKNOWN	0.0	0.0	0.0	0.0	21.9	0.0	0.0	0.0	0.0	0.0
TOTAL	3,707.7	3,118.0	3,426.7	3,040.7	3,267.0	3,359.6	3,519.6	2,817.7	1,446.1	1,432.6

1/ Total August-July marketing year commercial shipments. 2/ Summation of shipments and outstanding sales.
Source: *U.S. Export Sales*, USDA, Foreign Agricultural Service
Last updated December 11, 2018.

Table 9--U.S., Thailand, and Vietnam price quotes

Month or market-year 1/	United States: Southern long-grain milled 2/	United States: Southern long-grain rough 3/	United States: California medium-grain milled 4/	Thailand 5/: 100% Grade B	Thailand 5/: 5% Parboiled	Thailand 5/: 15% Brokens	Thailand 5/: A.1 6/ Super	Vietnam 7/: 5% Brokens
	$ / metric ton							
2010/11	525	300	813	518	522	481	415	471
2011/12	560	339	703	592	587	571	521	477
2012/13	615	372	703	565	568	528	515	410
2013/14	588	380	838	428	441	386	349	399
Aug. 2014	553	329	1030	447	441	NQ	339	454
Sep. 2014	540	325	1010	449	437	NQ	336	450
Oct. 2014	530	320	940	446	432	NQ	330	440
Nov. 2014	530	308	940	434	419	NQ	332	420
Dec. 2014	520	303	932	424	411	403	326	392
Jan. 2015	507	284	913	423	410	403	326	374
Feb. 2015	481	263	888	421	410	400	326	355
Mar. 2015	485	260	870	413	400	387	327	367
Apr. 2015	485	250	863	408	392	377	327	358
May 2015	474	229	850	393	382	371	323	355
June 2015	461	222	850	383	371	372	322	353
July 2015	474	240	850	396	390	376	324	350
2014/15	503	278	911	420	408	385	328	389
Aug. 2015	511	278	839	382	374	358	324	340
Sep. 2015	565	311	835	366	356	341	318	329
Oct. 2015	576	313	835	373	362	355	NQ	364
Nov. 2015	549	295	825	371	358	350	NQ	376
Dec. 2015	517	280	802	365	354	342	NQ	377
Jan. 2016	498	283	790	371	360	350	NQ	359
Feb. 2016	509	275	790	381	372	362	NQ	354
Mar. 2016	508	263	790	379	371	362	NQ	381
Apr. 2016	509	263	719	385	376	371	NQ	374
May 2016	510	281	685	410	410	388	NQ	376
June 2016	510	290	650	418	422	406	NQ	374
July 2016	498	279	650	431	455	410	NQ	366
2015/16	522	284	768	386	381	366	321	364
Aug. 2016	479	266	622	409	412	387	NQ	350
Sept. 2016	474	250	618	388	384	366	NQ	334
Oct. 2016	470	256	621	373	367	351	NQ	345
Nov. 2016	463	249	618	367	359	342	NQ	346
Dec. 2016	455	245	597	380	368	355	NQ	337
Jan. 2017	453	244	575	382	373	355	NQ	340
Feb. 2017	460	245	575	376	369	349	NQ	353
Mar. 2017	460	244	575	377	367	348	NQ	357
Apr. 2017	465	241	591	384	375	356	NQ	350
May 2017	485	244	603	414	405	384	NQ	360
June 2017	500	275	613	455	447	428	NQ	405
July 2017	514	284	725	424	418	394	NQ	409
2016/17	474	254	611	394	387	368	NQ	357
Aug. 2017	543	300	725	406	405	373	NQ	400
Sept. 2017	548	305	748	413	414	380	NQ	389
Oct. 2017	563	316	818	403	407	370	NQ	396
Nov. 2017	565	315	848	404	405	374	NQ	403
Dec. 2017	573	315	848	410	408	383	NQ	390
Jan. 2018	585	297	868	433	429	413	NQ	417
Feb. 2018	590	300	885	422	414	394	NQ	423
Mar. 2018	593	311	903	420	411	396	NQ	419
Apr. 2018	590	325	932	442	432	425	NQ	435
May 2018	620	324	948	448	433	432	NQ	459
June 2018	620	325	948	426	412	408	NQ	448
July 2018	615	323	948	393	378	374	NQ	399
2017/18	584	313	868	418	412	394	NQ	415
Aug. 2018	575	289	936	398	385	381	NQ	396
Sept. 2018	550	280	913	395	383	378	NQ	396
Oct. 2018	548	283	855	401	392	383	NQ	409
Nov. 2018 8/	550	294	810	392	387	375	NQ	413
Dec. 2018 9/	550	300	800	395	385	378	NQ	400
2018/19 9/	555	289	863	396	386	379	NQ	403

NQ = No quotes. NA = Not available. 1/ Simple average of weekly quotes.
Market year average prices are simple average of monthly prices.
2/ Number 2, 4-percent brokens, sacked, free on board vessel.. Prior to August 2015, free alongside vessel, U.S. Gulf Port.
Since August 2015, free on board vessel, U.S. Gulf port
To convert to a free on board vessel price add $25 per ton. 3/ Bulk, free on board vessel, New Orleans, LA.
4/ New price series. Number 1, maximum 4-percent brokens, sacked, 25 kilogram, containerized, free on board, California mill
5/ Nominal price quotes, long-grain, sacked, free on board vessel, Bangkok, Thailand
6/ 100-percent brokens, new price series. 7/ Long-grain, double-water-polished, bagged,
free on board vessel, Ho Chi Minh City. 8/ Revised. Please note any previous months' revisions are in bold. 9/ Preliminary
Sources: U.S. and Vietnam prices, *Creed Rice Market Report;* Thailand prices, *Weekly Rice Price Update,* U.S.
Agricultural Office, Bangkok, Thailand (www.fas.usda.gov)
Updated December 11, 2018.

Table 10--Global rice producers: annual production, monthly revisions, and annual changes 1/

Country	December 2016/17	2017/18 2/ November 2018	2017/18 2/ December 2018	2017/18 2/ Monthly revisions	2017/18 2/ Annual changes	2018/19 2/ November 2018	2018/19 2/ December 2018	2018/19 2/ Monthly revisions	2018/19 2/ Annual changes
	1,000 metric tons								
Afghanistan	325	325	325	0	0	325	325	0	0
Argentina	863	889	889	0	26	793	793	0	-96
Australia	581	454	454	0	-127	410	110	-300	-344
Bangladesh	34,578	32,650	32,650	0	-1,928	34,500	34,500	0	1,850
Brazil	8,383	8,208	8,208	0	-175	8,160	8,160	0	-48
Burma	12,650	13,200	13,200	0	550	13,120	13,120	0	-80
Cambodia	5,256	5,399	5,399	0	143	5,500	5,500	0	101
China	147,766	148,873	148,873	0	1,107	143,582	143,582	0	-5,291
Colombia	1,718	1,780	1,780	0	62	1,640	1,640	0	-140
Cote d'Ivoire	1,335	1,377	1,377	0	42	1,450	1,450	0	73
Cuba	335	370	263	-107	-72	375	325	-50	62
Dominican Republic	575	588	588	0	13	570	570	0	-18
Ecuador	800	882	882	0	82	840	840	0	-42
Egypt	4,800	4,300	4,300	0	-500	2,800	2,800	0	-1,500
European Union	2,087	2,000	2,000	0	-87	1,964	1,994	30	-6
Ghana	413	440	440	0	27	450	450	0	10
Guinea	1,435	1,451	1,451	0	16	1,500	1,500	0	49
Guyana	535	630	630	0	95	650	650	0	20
India	109,698	112,910	112,910	0	3,212	111,000	111,000	0	-1,910
Indonesia	36,858	37,000	37,000	0	142	37,300	37,300	0	300
Iran	1,663	1,716	1,716	0	53	1,700	1,700	0	-16
Iraq	121	210	210	0	89	43	43	0	-167
Japan	7,929	7,787	7,787	0	-142	7,700	7,700	0	-87
Korea, North	1,674	1,573	1,573	0	-101	1,600	1,600	0	27
Korea, South	4,197	3,972	3,972	0	-225	3,875	3,868	-7	-104
Laos	1,950	2,000	2,000	0	50	2,050	2,050	0	50
Liberia	170	176	176	0	6	189	189	0	13
Madagascar	2,442	1,984	1,984	0	-458	2,752	2,752	0	768
Malaysia	1,820	1,820	1,820	0	0	1,820	1,820	0	0
Mali	1,808	1,899	1,899	0	91	1,885	1,885	0	-14
Mexico	175	183	183	0	8	178	178	0	-5
Mozambique	213	260	260	0	47	254	254	0	-6
Nepal	3,480	3,310	3,310	0	-170	3,330	3,530	200	220
Nigeria	4,410	3,780	4,662	882	252	3,780	4,788	1,008	126
Pakistan	6,849	7,450	7,450	0	601	7,400	7,400	0	-50
Paraguay	502	643	643	0	141	674	674	0	31
Peru	2,185	2,120	2,097	-23	-88	2,100	2,100	0	3
Philippines	11,686	12,235	12,235	0	549	12,150	12,150	0	-85
Russia	703	642	642	0	-61	630	670	40	28
Sierra Leone	731	882	882	0	151	756	756	0	-126
Sri Lanka	2,034	2,248	2,248	0	214	2,631	2,631	0	383
Taiwan	1,144	1,138	1,138	0	-6	1,138	1,138	0	0
Tanzania	2,263	2,046	2,046	0	-217	2,046	2,046	0	0
Thailand	19,200	20,370	20,370	0	1,170	21,200	20,700	-500	330
Turkey	500	520	520	0	20	540	540	0	20
Uganda	161	159	159	0	-2	159	159	0	0
United States	7,117	5,659	5,659	0	-1,458	6,931	6,931	0	1,272
Uruguay	987	952	952	0	-35	887	887	0	-65
Venezuela	305	275	275	0	-30	150	170	20	-105
Vietnam	27,400	28,471	28,471	0	1,071	29,069	29,069	0	598
Subtotal	486,810	490,206	490,958	752	4,148	486,546	486,987	441	-3,971
Others	4,010	4,108	4,108	0	98	4,152	4,152	0	44
World total	490,820	494,314	495,066	752	4,246	490,698	491,139	441	-3,927

-- Not reported. 1/ Market year production on a milled basis. 2/ Projected.
Source: *Production, Supply, & Distribution Online Data Base,* USDA, Foreign Agricultural Service, http://www.fas.usda.gov/psdonline/psdHome.aspx.
Updated December 11, 2018.

Table 11--Global rice exporters; calendar year exports, monthly revisions, and annual changes

Country	December 2017	2018 1/ November 2018	2018 1/ December 2018	2018 1/ Monthly revisions	2018 1/ Annual changes	2019 1/ November 2018	2019 1/ December 2018	2019 1/ Monthly revisions	2019 1/ Annual changes
	1,000 metric tons (milled basis)								
Argentina	392	350	350	0	-42	380	380	0	30
Australia	187	275	275	0	88	260	75	-185	-200
Brazil	594	1,000	1,050	50	456	850	850	0	-200
Burma	3,350	3,000	2,800	-200	-550	3,000	3,000	0	200
Cambodia	1,150	1,250	1,250	0	100	1,300	1,300	0	50
China	1,173	1,700	1,700	0	527	1,900	1,900	0	200
Cote d'Ivoire	70	80	80	0	10	90	90	0	10
Egypt	100	50	50	0	-50	20	20	0	-30
European Union	369	350	350	0	-19	350	350	0	0
Guinea	80	80	80	0	0	80	80	0	0
Guyana	455	480	480	0	25	500	500	0	20
India	12,560	12,500	12,500	0	-60	12,500	12,500	0	0
Japan	50	60	60	0	10	70	70	0	10
Kazakhstan	50	60	60	0	10	50	50	0	-10
Mexico	90	95	95	0		90	90	0	-5
Pakistan	3,642	4,300	4,300	0	658	4,250	4,250	0	-50
Paraguay	500	625	625	0	125	650	650	0	25
Peru	100	100	80	-20	-20	50	50	0	-30
Russia	175	160	140	-20	-35	160	160	0	20
Senegal	10	10	10	0	0	10	10	0	0
South Africa	109	120	120	0	11	150	150	0	30
Surinam	90	95	95	0	5	100	100	0	5
Tanzania	40	40	40	0	0	50	50	0	10
Thailand	11,615	10,700	10,700	0	-915	11,000	10,300	-700	-400
Turkey	56	55	55	0	-1	60	60	0	5
Uganda	40	40	40	0	0	40	40	0	0
United States	3,349	2,900	2,900	0	-449	3,200	3,200	0	300
Uruguay	1,051	900	900	0	-151	800	800	0	-100
Venezuela	40	20	20	0	-20	0	0	0	-20
Vietnam	6,488	7,000	6,700	-300	212	7,000	7,000	0	300
Subtotal	47,975	48,395	47,905	(490)	(75)	48,960	48,960	0	1,055
Other	137	308	308	0	176	257	257	0	-51
World total	48,112	48,703	48,213	-490	101	49,217	48,307	-910	94
U.S. Share	7.0%	6.0%	6.0%	--	--	6.5%	6.6%	--	--

-- Not reported. Note: All trade data are reported on a calendar year basis.
1/ Projected.
Source: *Production, Supply, & Distribution Online Data Base,* USDA, Foreign Agricultural Service, http://www.fas.usda.gov/psdonline/psdHome.aspx.
Last updated December 11, 2018.

Errata: *On December 19, 2018, the December Rice Outlook report was revised: in table 11, December 2018 forecasts for Vietnam exports were revised downward, as were December 2019 exports forecast for Thailand.*

Table 12--Global rice importers; calendar year imports, monthly revisions, and annual changes

		2018 1/				2019 1/			
Country	December 2017	November 2018	December 2018	Monthly revisions	Annual changes	November 2018	December 2018	Monthly revisions	Annual changes
				1,000 tons (milled basis)					
Afghanistan	367	375	375	0	8	400	400	0	25
Australia	164	155	155	0	-9	160	200	40	45
Bangladesh	2,348	1,400	1,400	0	-948	600	600	0	-800
Brazil	754	650	650	0	-104	650	650	0	0
Cameroon	600	650	650	0	50	700	700	0	50
Canada	364	370	370	0	6	380	380	0	10
China	5,900	5,000	4,800	-200	-1,100	5,000	5,000	0	200
Colombia	105	130	130	0	25	150	150	0	20
Costa Rica	140	150	150	0	10	160	160	0	10
Cote d'Ivoire	1,350	1,400	1,400	0	50	1,450	1,450	0	50
Cuba	429	500	500	0	71	550	500	-50	0
Egypt	90	75	75	0	-15	400	400	0	325
European Union	1,985	2,000	2,000	0	15	2,050	2,000	-50	0
Ghana	650	700	700	0	50	680	680	0	-20
Guinea	700	775	775	0	75	800	800	0	25
Haiti	564	540	540	0	-24	560	560	0	20
Honduras	114	125	125	0	11	150	150	0	25
Hong Kong	334	345	345	0	11	345	345	0	0
Indonesia	350	2,100	2,150	50	1,800	1,200	800	-400	-1,350
Iran	1,500	1,300	1,300	0	-200	1,400	1,400	0	100
Iraq	1,060	1,150	1,150	0	90	1,300	1,300	0	150
Japan	679	685	685	0	6	685	685	0	0
Jordan	220	200	200	0	-20	230	230	0	30
Kenya	675	700	700	0		750	750	0	
Korea, North	80	80	80	0	0	80	80	0	0
Korea, South	412	400	420	20	8	410	410	0	-10
Liberia	370	370	370	0	0	380	380	0	10
Libya	200	250	250	0	50	260	260	0	10
Madagascar	680	450	450	0	-230	300	300	0	-150
Malaysia	900	900	900	0	0	1,000	1,000	0	100
Mexico	910	850	850	0	-60	880	880	0	30
Mozambique	710	725	725	0	15	750	750	0	25
Nicaragua	88	75	75	0	-13	85	85	0	10
Niger	300	310	310	0	10	320	320	0	10
Nigeria	2,500	2,600	2,100	-500	-400	3,000	2,400	-600	300
Philippines	1,200	1,900	1,900	0	700	1,800	1,800	0	-100
Russia	244	260	240	-20	-4	260	240	-20	0
Saudi Arabia	1,195	1,250	1,250	0	55	1,300	1,300	0	50
Senegal	1,100	1,150	1,150	0	50	1,250	1,250	0	100
Sierra Leone	390	350	350	0	-40	450	450	0	100
Singapore	323	325	325	0	2	330	330	0	5
South Africa	1,054	1,000	1,000	0	-54	1,000	1,000	0	0
Sri Lanka	750	350	350	0	-400	300	300	0	-50
Syria	150	140	140	0	-10	140	140	0	0
Taiwan	113	120	120	0	7	120	120	0	0
Thailand	250	250	250	0	0	250	250	0	0
Turkey	300	350	350	0	50	350	350	0	0
United Arab Emirates	750	825	825	0	75	900	900	0	75
United States	787	855	855	0	68	875	900	25	45
Venezuela	330	500	500	0	170	450	450	0	-50
Vietnam	500	400	400	0	-100	400	400	0	0
Yemen	390	410	410	0	20	420	420	0	10
Subtotal	38,418	38,920	38,270	-650	-173	38,810	37,755	-1,055	-565
Other countries 2/	9,694	9,783	9,943	160	274	10,407	10,552	145	659
World total	48,112	48,703	48,213	-490	101	49,217	48,307	-910	94

Note: All trade data are reported on a calendar-year basis.
-- = Not reported. 1/ Projected. 2/ Includes unaccounted imports (imports not assigned a particular market).
Source: *Production, Supply, & Distribution Online Data Base,* USDA, Foreign Agricultural Service, http://www.fas.usda.gov/psdonline/psdHome.aspx.
Last updated December 11, 2018.