



Rice Outlook

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U.S. 2018/19 Crop Estimate Raised 3 Percent to 224.2 Million Cwt

There were several revisions this month to the 2018/19 U.S. rice balance sheet. First, the U.S. 2018/19 crop estimate was raised 5.9 million cwt to 224.2 million cwt, primarily due to a higher yield. Long-grain accounted for most of the upward revision in U.S. production. Second, the 2018/19 domestic and residual use forecast was raised 2.0 million cwt to 135.0 million cwt, primarily based on a larger August-November implied domestic disappearance indicated by the December 1 rice stocks reported by NASS. Third, total exports were raised 1.0 million cwt to 100.0 million cwt primarily based on larger U.S. supplies and more competitive U.S. prices. On balance, these revisions resulted in a 2.9-million cwt increase in the 2018/19 ending stocks forecast to 47.1 million cwt, 60 percent above a year earlier. The 2018/19 U.S. season-average farm-price forecasts for all rice and for both classes of rice were unchanged this month.

The 2018/19 global rice production forecast was raised 4.7 million tons to a record 495.9 million tons (milled basis), mostly due to a larger crop forecast for China. The 2018/19 U.S. crop forecast was also increased, as were production forecasts for Chile, Paraguay, and Suriname. In contrast, Brazil's 2018/19 production forecast was lowered. The calendar year 2019 global trade forecast was lowered slightly to 48.1 million tons, still the highest on record. Export forecasts for 2019 were lowered this month for Burma, Cambodia, and Thailand; but increased for China. On the 2019 global import side, import forecasts were lowered for Bangladesh, China, Nigeria, and Turkey; but raised for Brazil, Cote d'Ivoire, Nepal, the Philippines, and Venezuela. With 2018/19 global production exceeding consumption, global ending stocks for 2018/19 were increased 5.6 million tons to 167.6 million tons, the highest on record. Thailand's trading prices have risen around 2 percent since early December, while both Vietnam's and U.S. trading prices have declined.

Domestic Outlook

U.S. 2018/19 Rice Production Estimated at 224.2 Million Cwt

This month, the U.S. 2018/19 rice production estimate was increased 5.9 million cwt to 224.2 million cwt, up 26 percent from a year earlier. The substantial upward revision was largely due to a 170-pound increase in the yield to 7,692 pounds per acre, an increase of more than 2 percent from a year earlier and just 2 pounds below the 2013/14 record. Yield estimates were raised this month for every reported State, with Texas and Missouri reporting the largest upward revisions.

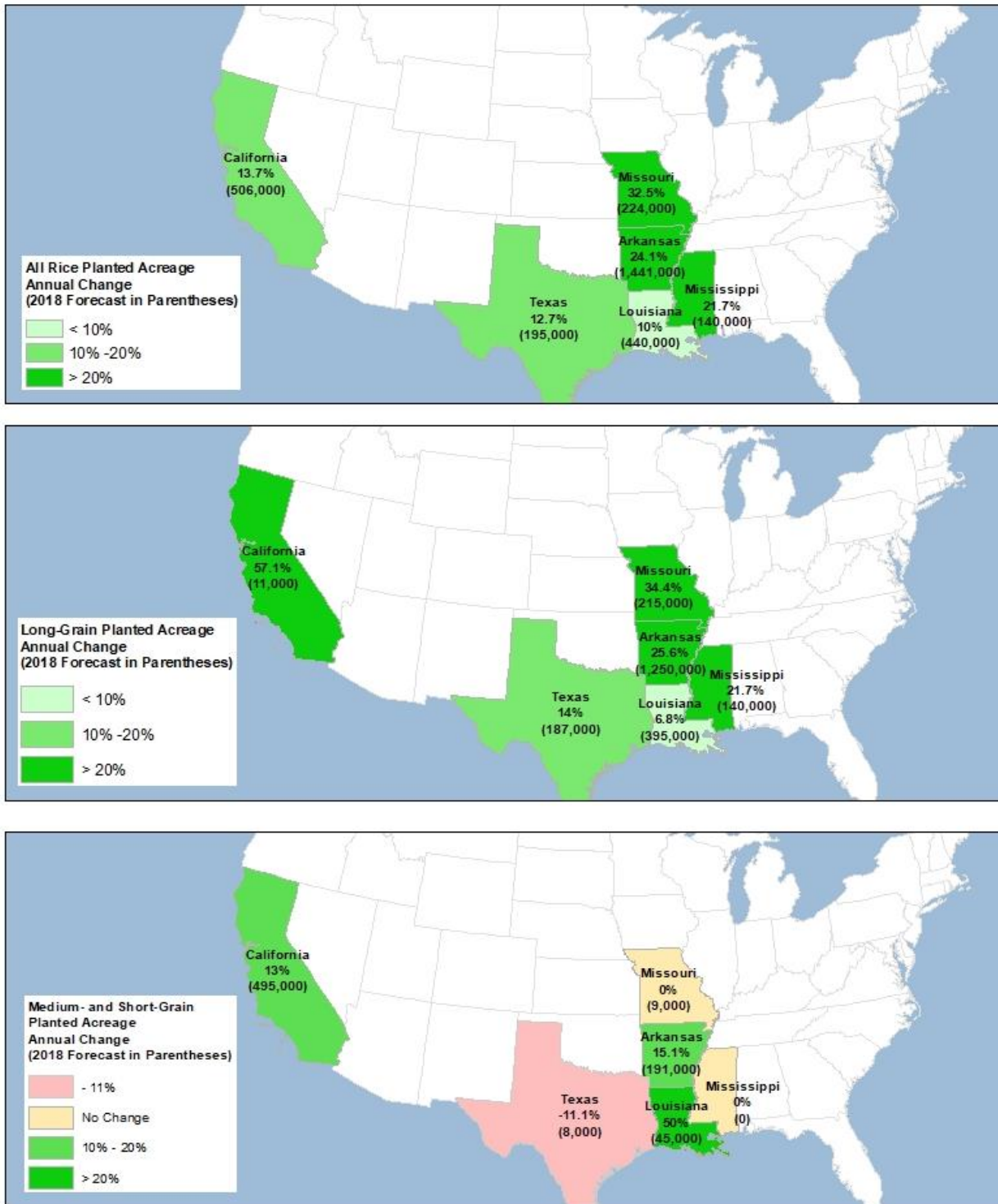
At 2.92 million acres, harvested area is up 13,000 acres from the previous estimate and nearly 23 percent larger than a year earlier. Harvested area estimates were raised this month for Arkansas, California, Louisiana, and Missouri, but lowered for Texas. These are the last area, yield, and production revisions for the 2018/19 U.S. rice crop until January 2020.

By class, the 2018/19 U.S. long-grain production estimate was raised 3 percent to 164.0 million cwt, up 28 percent from a year earlier. The substantial increase in U.S. long-grain production in 2018/19 is primarily due to a 25-percent increase in harvested area to 2.18 million acres, with Arkansas accounting for two-thirds of the 433,000-acre increase in long-grain harvested area. Long-grain acreage increased in all reported States in 2018/19. The 2018/19 U.S. long-grain yield is estimated at 7,517 pounds per acre, up 3 percent from a year earlier and the highest on record. Almost all U.S. long-grain rice is grown in the South.

The 2018/19 U.S. medium- and short-grain crop is estimated at 60.3 million cwt, up 1 percent from the previous estimate and nearly 20 percent larger than a year earlier. This is the largest U.S. medium- and short-grain crop since the 2011/12 near-record of 68.6 million cwt. The substantial increase in U.S. medium- and short-grain production in 2018/19 is primarily due to a 17-percent increase in harvested area to 734,000 acres. Area expanded in both the South and California, with California accounting for slightly more than half the 108,000-acre increase in U.S. medium- and short-grain harvested area in 2018/19. Arkansas continues to account for the bulk of Southern medium- and short-grain area. At 8,209 pounds per acre, the U.S. medium- and short-grain yield is up 2 percent from a year earlier but still below the 2016/17 record of 8,311 pounds. California typically accounts for more than 70 percent of U.S. medium- and short-grain production.

Rice plantings increased in all reported States in 2018/19, with Arkansas accounting for 58 percent of the 483,000-acre increase in U.S. planted area. At 1.4 million acres, Arkansas all rice plantings were up 24 percent from a year earlier, with long-grain accounting for the bulk of the increase. Missouri's 2018/19 rice plantings increased 33 percent to 224,000 acres, with long-grain accounting for all of the increase and the bulk of the State's rice production. Mississippi's 2018/19 rice plantings expanded 22 percent to 140,000 acres, with long grain accounting for all of the State's production. In Louisiana, 440,000 acres of rice were planted in 2018/19, up 10 percent from a year earlier, with both long- and medium-grain plantings higher. Long-grain is the dominant class of rice grown in Louisiana, although the State is the second largest producer of medium-grain in the South. California's 2018/19 rice plantings increased 14 percent to 506,000 acres, with medium- and short-grain up 13 percent to 495,000 acres. At 11,000 acres, California's long-grain plantings are up 4,000 acres from a year earlier and the highest since 2001/02.

Figure 1. Changes in Rice Planted Area by Class and State



Source: Created by USDA Economic Research Service with data from USDA National Agricultural Statistics Service, February 2019 Crop Production 2018 Summary.

Rice yields were higher in 2018/19 than a year earlier in all reported States except Mississippi. Texas reported the largest increase in yield. At 7,970 pounds per acre, the 2018/19 Texas yield is up 10 percent from a year earlier but still below the 2012/13 record of 8,370 pounds. Yields in Louisiana are estimated at 7,130 pounds per acre, up more than 6 percent from 2017/18. Missouri's yield of 7,770

pounds per acre is up more than 4 percent from a year earlier and the highest on record. California's 2018/19 yield of 8,620 pounds per acre is up 2.5 percent from a year earlier. At 7,520 pounds per acre, the Arkansas 2018/19 yield is up just 30 pounds from a year earlier. In contrast, Mississippi's 2018/19 yield of 7,350 pounds per acre is nearly 1 percent below a year earlier.

Rice production increased in 2018/19 in all reported States, with Arkansas accounting for 54 percent of the 46.0-million cwt increase in production. At 107.3 million cwt, the 2018/19 Arkansas rice crop is up 30 percent from a year earlier, mostly due to expanded area. Both long-grain and medium-grain production increased in Arkansas, with long-grain remaining the dominant class of rice produced in the State. Missouri's 2018/19 rice production increased 44 percent to a record 17.0 million cwt, with long-grain accounting for nearly all of the increase and the bulk of the State's rice production. The Texas rice crop of 15.1 million cwt is up 31 percent from a year earlier, a result of both expanded area and a higher yield. Long-grain accounts for nearly all of the production increase in Texas and the bulk of the State's rice production. Mississippi's rice production increased 21 percent to 10.2 million cwt—all long-grain, a result of expanded area. California's 2018/19 production of 43.4 million cwt is up 16.5 percent from a year earlier, with both area and yield higher. Medium- and short-grain account for more than 98 percent of California's rice production.

U.S. Rice Imports Projected Record High in 2018/19

U.S. 2018/09 rice imports remain projected at 28.5 million cwt, up 6 percent from a year earlier and the highest on record. While aromatic varieties from South and Southeast Asia continue to account for the bulk of U.S. rice imports, much of the expected increase in U.S. rice imports in 2018/19 is accounted for by Puerto Rico's purchases of rice from China, all medium- and short-grain rice. Through November 2018, China had shipped 21,000 tons of rice to Puerto Rico, well above about 3,000 tons shipped during the same period a year earlier. Prior to 2017/18, China had been largely absent from the Puerto Rican market for 9 years. Much lower landed prices and a substantial freight advantage due to 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 charge much higher freight rates than vessels from most developing countries. China's long-term role as a supplier of rice to Puerto Rico is unknown.

At 5.0 million cwt, 2018/19 U.S. 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.

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. Through November, U.S. imports of all rice totaled 269,901 tons (product-weight), up 1 percent from a year earlier. By class, medium- and short-grain imports were 54 percent ahead of a year earlier through November, while long-grain imports were 7 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.

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, 34 percent below a year earlier. Medium- and short-grain carryin remains estimated at 7.6 million cwt, also 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. total rice supply forecast was increased 5.9 million cwt to 282.1 million cwt, up 12 percent from a year earlier, a result of a larger crop. Long-grain total supply was increased 5.4 million cwt to 207.8 million cwt, 14 percent above a year earlier. Medium- and short-grain total supplies were

raised .6 million cwt to 72.9 million cwt, 8 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 1.0 Million Cwt

On the use side, the 2018/19 total U.S. rice export forecast was raised 1.0 million cwt to 100.0 million cwt, 15 percent above a year earlier. The slight upward revision was based on larger U.S. supplies, lower expected U.S. prices, and less competition from Brazil in key Latin American markets in 2019. Despite expectations of expanded exports in 2018/19, through November 2018, U.S. Census reported exports on a rough-rice basis were nearly 8 percent behind a year earlier. In fact, November was the first month in 2018/19 that 2018 exports exceeded 2017 exports. Thus, the pace of shipments will have to substantially increase to meet the forecast level.

Long-grain exports are projected at 68.0 million cwt, up 1.0 million from the previous forecast and more than 7 percent above a year earlier. The expected export 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 in Mexico, Central America, and northern South America—where it has lost sales in recent years to several lower-priced South American exporters. These three import markets take mostly long-grain rough rice from the United States. Although U.S. long-grain exports are projected to increase in 2018/19, through November 2018, U.S. shipments (on a rough-basis) were 10 percent behind a year earlier, with a much slower pace of shipments to Venezuela a major factor. Through late December, Venezuela had purchased just 13,500 tons of rice from the United States, compared with 125,800 tons shipped or purchased through late December 2017. Brazil has accounted for the bulk of Venezuela's imports since early 2018, supplying almost 600,000 tons (product-weight) in calendar year 2018. Brazil's exports are projected to decline 28 percent in 2019, mostly due to a smaller crop.

At 32.0 million cwt, U.S. medium- and short-grain exports are projected to be 35 percent above the year-earlier abnormally low level. The substantial increase is largely based on much weaker shipments from Australia and Egypt due to abnormally small crops in both countries. This will likely boost U.S. sales to the Middle East and North Africa.

U.S. rough rice exports in 2018/19 are projected at 33.0 million cwt, up 1.0 million cwt from the previous forecast and 15.5 percent higher than in 2017/18. In 2018/19, 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, the U.S. is expected to pick-up additional sales to markets in the Middle East and North Africa.

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, 15 percent above a year earlier. 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. U.S. milled rice sales to the Middle East are expected to be larger in 2018/19 as well, a result of larger U.S. supplies, weak or negligible shipments to the region from top medium- and short-grain competitors Egypt and Australia, and lower U.S. long-grain prices.

Total domestic and residual use of rice in 2018/19 is projected at 135.0 million cwt, up 2.0 million from the previous forecast but nearly unchanged from a year earlier. The upward revision is largely based on an implied August-November disappearance derived from the December 1 reported rice stocks. 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 is projected at 105.0 million cwt, up 2.0 million cwt from the previous forecast and 7 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.

Total use of U.S. rice in 2018/18 is forecast at 235.0 million cwt, up 3.0 million cwt from the previous forecast and 6 percent higher than a year earlier. Long-grain total use is forecast at 173.0 million cwt, up 3.0 million cwt from the previous forecast and 7 percent larger than a year earlier. Combined medium- and short-grain total use remains forecast at 62.0 million cwt, up 3.5 percent from a year earlier.

Based on data reported by NASS in the February *Rice Stocks*, December 1, 2018, U.S. rice stocks are estimated at 144.4 million cwt, up 12 percent from a year earlier but well below expectations. The lower than expected December 1 rice stocks were a major factor behind the upward revision in 2018/19 domestic and residual use. By class, long-grain December 1 rice stocks are estimated at 98.6 million cwt, up 17 percent from a year earlier. Combined medium- and short-grain stocks are estimated at 44.6 million cwt, up 11 percent from a year ago. Stocks of brokens, not classified by length of grain, are estimated at 1.2 million cwt, down 72 percent from a year earlier.

Rice stocks on December 1 are estimated to be larger than a year earlier in all reported States, with Arkansas accounting for 47 percent of U.S. rice stocks. At 68.1 million cwt, Arkansas' rice stocks are 6 percent larger than a year earlier. In nearby Missouri, December 1 rice stocks are estimated at 8.1 million cwt, 59 percent larger than a year earlier. Mississippi's December 1 rice stocks are estimated at 4.5 million cwt, an increase of 42 percent from a year earlier. On the Gulf Coast, Louisiana's December 1 rice stocks of 15.4 million cwt are 26 percent above a year earlier. In Texas, December 1 rice stocks are estimated at 9.2 million cwt, 3.5 percent larger than a year earlier. Finally, California's estimated rice stocks of 37.7 million cwt are 11 percent larger than on December 1, 2017.

U.S. Ending Stocks Projected To Increase 60 Percent in 2018/19

U.S. ending stocks of all rice in 2018/19 are projected at 47.1 million cwt, up 2.9 million cwt from the previous forecast and 60 percent larger than a year earlier. The substantial buildup in ending stocks in 2018/19, despite stronger total use, is mostly due to a 26-percent increase in production as well as record imports. The 2018/19 stocks-to-use ratio is projected at 20.0 percent, well above the abnormally tight 13.2 percent in 2017/18.

The stocks situation varies somewhat by class. Long-grain 2018/19 ending stocks are projected at 34.8 million cwt, up 2.4 million cwt from the previous forecast and 71 percent higher 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 20.1 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 10.9 million cwt, up 0.6 million cwt from the previous and 42 percent larger the year-earlier abnormally low level. The medium- and short-grain stocks-to-use ratio is projected at 17.6 percent, up from just 12.8 percent in 2017/18.

U.S. Long-Grain Rough-Rice Prices Expected To Drop in 2018/19

There were no revisions to the 2018/19 season-average farm-price forecasts this month. The 2018/19 long-grain SAFR remains projected at \$10.20-\$11.20 per cwt, down from \$11.50 a year earlier, a decline mostly due to larger supplies and a much higher expected carryout.

The California 2018/19 SAFP remains forecast at \$17.80-\$18.80 per cwt, compared with \$18.70 in 2017/18. The southern 2018/19 medium- and short-grain season-average farm price remains projected at \$11.70-\$12.70 per cwt, compared with \$11.70 in 2017/18. The U.S. 2018/19 medium- and short-grain season-average farm price remains projected at \$16.00-\$17.00 per cwt, compared with \$16.20 a year earlier. The all-rice 2018/19 season-average farm price remains projected at \$11.60-\$12.60 per cwt, down from \$12.70 a year earlier.

The November long-grain rough-rice cash price was reported at \$10.90 per cwt, unchanged from October. The southern medium- and short-grain rough rice price was reported at \$11.80 per cwt in November, up 10 cents from October. The bulk of this crop is grown in Arkansas. The California medium- and short-grain November price was reported at \$17.40 per cwt, also up 10 cents from October. The U.S. medium- and short-grain November price was reported at \$15.40 per cwt, down 20 cents from October. Finally, the U.S. all-rice November cash price was reported at \$12.20 per cwt, up 30 cents from October.

International Outlook

Production Forecasts for 2018/19 Raised for China and the United States, Lowered for Brazil

Global rice production in 2018/19 is projected at a record 495.9 million tons (milled basis), up 4.7 million tons from the previous forecast but nearly unchanged from a year earlier. Bangladesh, Madagascar, Nepal, Sri Lanka, Thailand, the United States, Vietnam account for most of the 2018/19 global production increase. In contrast, production in the two largest rice growers—China and India—is expected to decline in 2018/19.

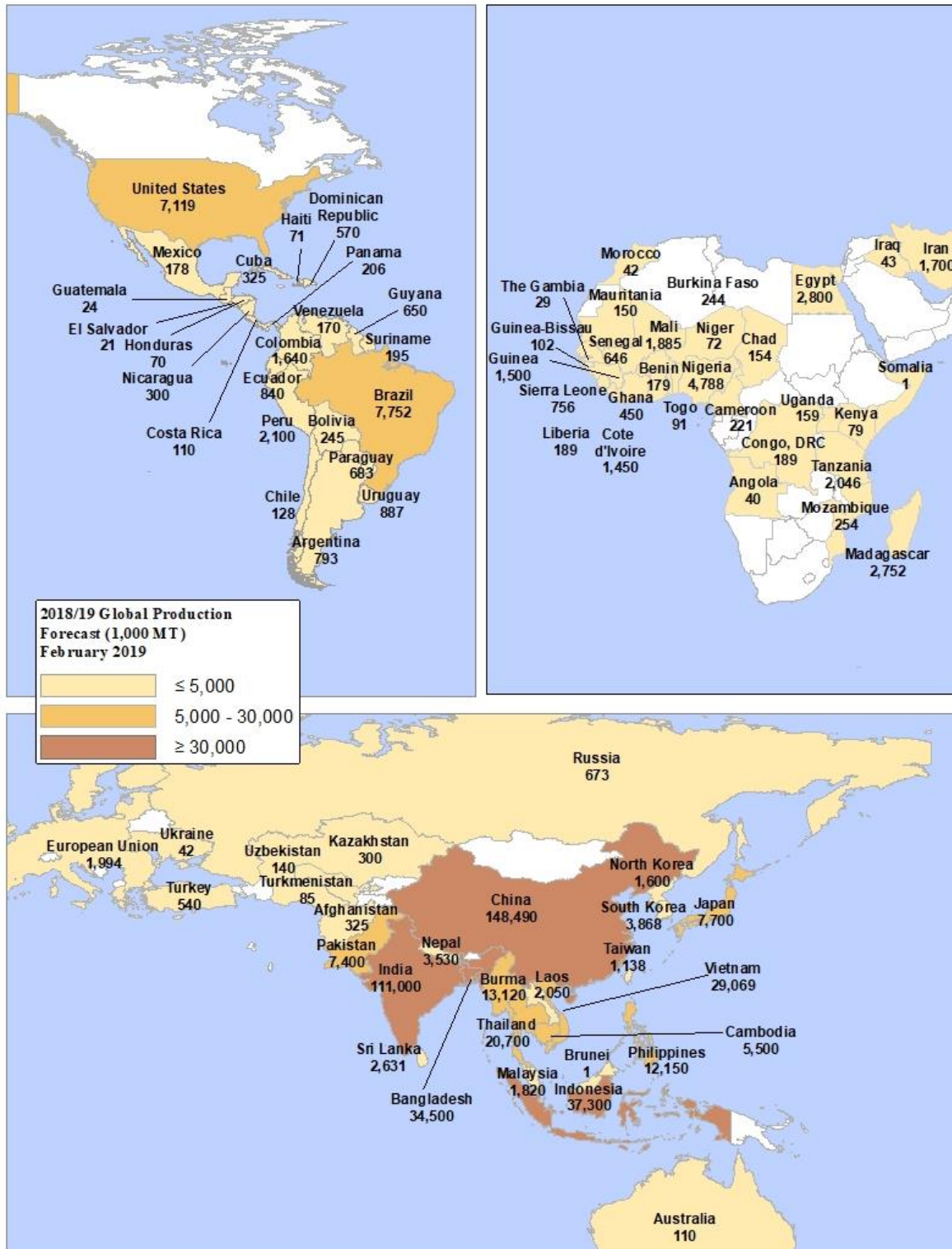
There were seven production revisions this month, 6 increases and 1 reduction. Three revisions were rather large. First, China's 2018/19 production forecast was raised 5.9 million tons to 148.5 million tons, just 0.4 million tons below the year earlier record. The substantial upward revision was based on China's National Bureau of Statistics data indicating a higher yield and more area than previously reported. At 7.03 tons per hectare, China's 2018/19 yield is up almost 2 percent from a year earlier and is the highest on record. China's harvested area is estimated at 30.2 million hectares, up 131,000 hectares from the previous forecast but nearly 2 percent below a year earlier. This is the smallest rice area for China since 2011/12. China's harvested area showed little change from 2013/14-2017/18 and was typically between 30.7 million hectares and nearly 30.8 million hectares. The 2018/19 area decline is largely due to reduced Government support prices for both indica and japonica rice. The Government of China first reduced support prices in 2016/17, but the price reductions were quite small until 2018/19.

Second, Brazil's 2018/19 production forecast was lowered 0.4 million tons to 7.75 million tons, 6 percent below a year earlier. The crop reduction was due to a 110,000-hectare downward revision in the harvested area estimate to 1.85 million hectares, more than 6 percent below a year earlier. This is the smallest rice area in Brazil since at least 1960/61. The 2018/19 area reduction is largely due to flooding in the main growing State Rio Grande do Sul as well as to low farm prices leading to some abandonment. The bulk of this crop will be harvested March-May. The smaller supplies are expected to reduce Brazil's exports in 2019.

Third, the U.S. 2018/19 crop estimate was raised 188,000 tons to 7.12 million tons, 26 percent larger than a year earlier. The substantial upward revision is mostly due to a much higher and near-record yield reported by the Government of the United States. The harvested area estimate was raised slightly.

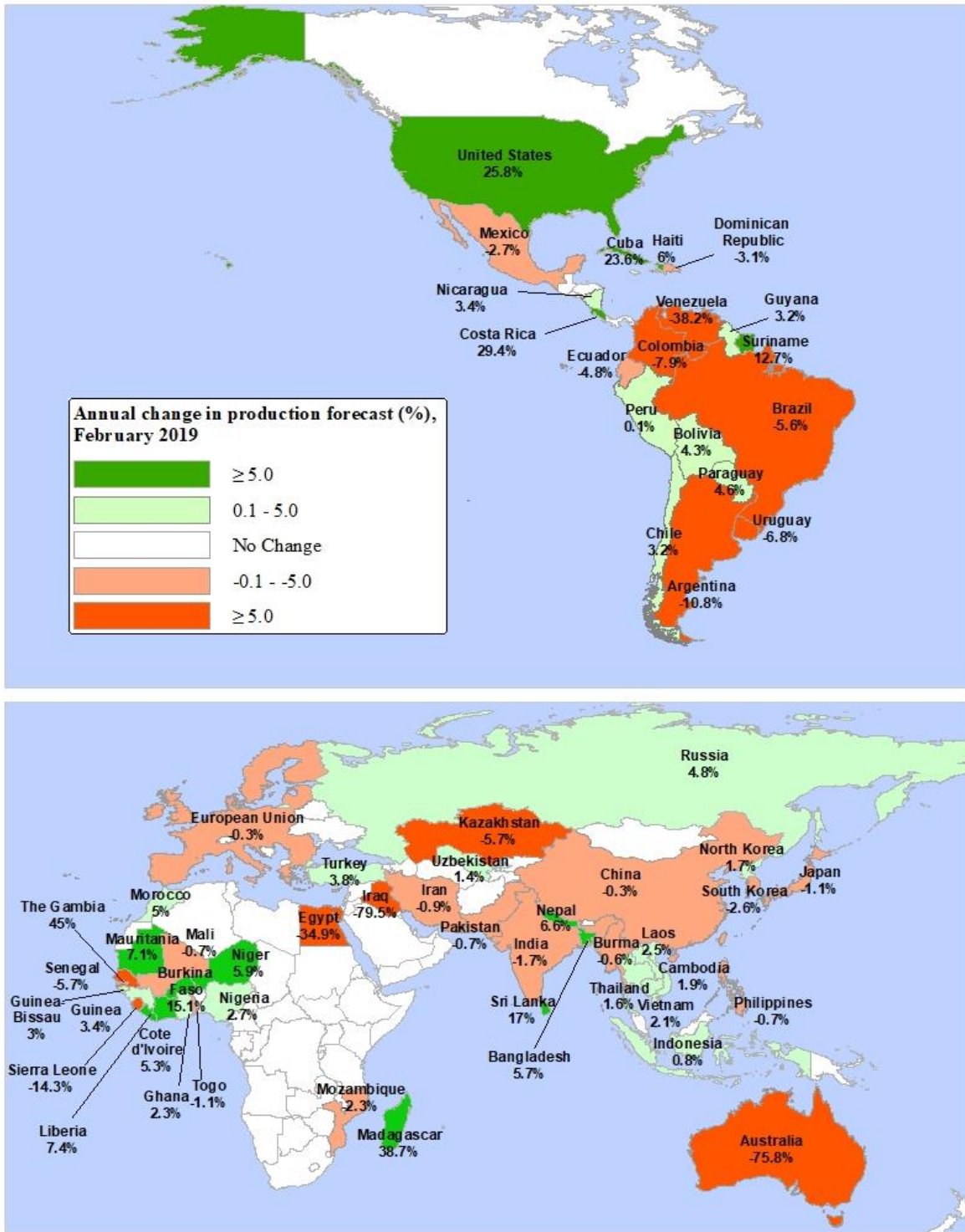
The remaining four revisions were much smaller. First, Chile's 2018/19 production forecast was raised 22,000 tons to a record 128,000 tons based on a higher area estimate reported by the Government of Chile. Chile's rice harvested area was increased 5,000 hectares to 30,000 hectares, the highest since 1995/96. Second, Paraguay's 2018/19 rice production forecast was raised 6,000 tons to a record 683,000 tons, up 5 percent from a year earlier. The upward production revision is largely due to a much higher yield forecast. Harvested area in Paraguay was actually lowered. This month, USDA revised Paraguay's area, yield, and production series for 2009/10-2018/19. Paraguay's rice production has tripled over the past decade, with both area and yield sharply higher. This has allowed Paraguay to more than triple exports over the past decade. Third, Suriname's 2018/19 rice production forecast was raised 6,000 tons to a record 195,000 tons, up 13 percent from a year earlier. The upward revision was due to a much higher yield. Although lowered slightly from the previous estimate, Suriname's 2018/19

Map 1: February 2019 production forecast for market year 2018/19



Source: Created by USDA Economic Research Service with data from USDA Foreign Agricultural Service, Production, Supply and Distribution Database.

Map 2. Changes in production forecast from marketing years 2017/18 to 2018/19, February 2019



Source: Created by USDA Economic Research Service with data from USDA Foreign Agricultural Service, Production, Supply and Distribution Database.

harvested area is the highest on record. Suriname is small rice exporter. This month, USDA revised Suriname's area, yield, and production series from 1965/66-2018/19. Fourth, Russia's 2018/19 production estimate was increased 3,000 tons to 673,000 tons, up 5 percent from a year earlier. The upward revision was due to a slightly higher yield reported by the Government of Russia.

Global rice consumption (including a residual component) in 2018/19 is forecast at a record 490.3 million tons, up 0.7 million tons from the previous forecast and 2 percent larger than a year earlier. China, Nepal, the Philippines, the United States, and Venezuela account for most of this month's upward revision in global consumption and residual. In contrast, consumption and residual forecasts were lowered for Brazil and Nigeria. With production exceeding consumption by 5.6 million tons, global ending stocks of 167.6 million tons are up 4.4 million tons from the previous forecast and 3.5 percent larger than a year earlier. China, accounts for most of this month's upward revision in global ending stocks followed by Cambodia, and the Philippines. These are the largest ending stocks on record and 12th consecutive year of a global stocks build up. At 34.2 percent, the global stocks to use ratio is slightly above 33.6 percent in 2017/18 and below the 2000/01 record of 37.1 percent. China accounts for 69 percent of 2018/19 global ending stocks and most of the expected increase.

Export Forecasts for 2019 Lowered for Burma, Cambodia, and Thailand; Raised for China

Global rice trade for calendar year 2019 is projected at a record 48.1 million tons, down 0.18 million tons from the previous forecast but fractionally above the 2018 revised estimate. The 2018 global trade estimate was also lowered 0.18 million tons to 48.0 million tons, less than 0.1 million tons below 2017. Since 2017, aggregate global rice trade has changed very little, despite varying levels of imports and exports by individual countries.

Table B - Rice exports at a glance for 2018 and 2019 (1,000 MT), February 2019				
Country or region	Trade	Month-to-month forecast change	Year-to-year forecast change	Comments on month-to-month forecast changes
Thousand metric tons				
Rice Exports, 2019				
Bangladesh	4	4	0	
Brazil	900	50	-345	Raised on production changes
Cambodia	1,000	-300	-200	
Chile	3	3	-1	Raised on production changes
China	2,500	600	442	Raised on expectations for export growth
Colombia	0	-10	-1	Lowered on expectations for minimal exports
Nicaragua	5	5	-4	
Thailand	10,000	-300	1,075	Lowered exports on high prices, tight supplies
Turkey	25	-35	-20	Lowered on higher competition
Rice Exports, 2018				
Argentina	291	-59	-101	Lowered on final data
Brazil	1,245	195	651	Raised on final data
Cambodia	1,200	-50	50	
Chile	4	3	4	Raised on production changes
China	2,058	358	885	Raised on final data
Colombia	1	-9	-4	Lowered on final data
Dominican Republic	10	-2	0	Lowered on final data
El Salvador	2	-13	-8	Lowered on final data
Guatemala	1	1	1	Raised on final data
India	11,800	-700	-760	Lowered on final data
Mexico	99	4	9	Raised on final data
Nicaragua	9	9	1	Raised on final data
Paraguay	653	28	153	Raised on final data
Russia	114	-26	-61	Raised on final data
Thailand	11,075	375	-540	Raised on final data
Turkey	45	-10	-11	Lowered on final data
Uruguay	799	-101	-252	Lowered on final data
Vietnam	6,590	-110	102	Lowered on final data

Source: Created by USDA Economic Research Service with data from USDA Foreign Agricultural Service, Production, Supply and Distribution Database.

Since Early December, Thailand's Prices Have Risen While Vietnam's and U.S. Prices Have Dropped

Price quotes for most grades of Thailand's regular milled white rice have increased around 2 percent since early December, mostly due to strengthening of the Thai baht. For the week ending January 28, Thailand's 100-percent grade B milled white rice was quoted at \$403 per ton, up \$8 from the week ending December 3. Prices for Thailand's lower quality 15-percent brokens were quoted at \$387 per ton for the week ending January 28, up \$9 from the week ending December 3. Prices for Thailand's premium jasmine rice—an aromatic—were quoted at \$1,088 per ton for the week ending January 28, up \$35 from the week ending December 3. All price quotes for Thailand's rice are from the *Weekly Rice Price Update* reported by the U.S. Agricultural Office in Bangkok.

In contrast, price quotes for Vietnam's rice have decreased 14-15 percent since early December, mainly due to weaker purchases from China. For the week ending February 5, prices for Vietnam's 5-percent broken, regular milled white rice were quoted at \$443 per ton, down \$57 from the week ending December 4. Vietnam's prices are now about \$60 below comparable grades of rice from Thailand. Vietnam's rice typically sells at \$30 to \$50 below comparable grades of Thailand's rice.

U.S. prices for long-grain milled rice have declined since early December as well. For the week ending February 5, prices for high-quality U.S. Southern long-grain rice (No. 2, 4-percent broken, bagged, free on board (fob) vessel, U.S. Gulfport) were quoted at \$520 per ton, down \$30 from the week ending December 4. The U.S. price difference over Thailand's 100-percent Grade B milled rice decreased to \$117 per ton from \$148 a month earlier. Prices for U.S. long-grain rough-rice (bulk, fob vessel, New Orleans) were quoted at \$275 per ton for the week ending February 5, down \$25 from the week ending December 4.

In contrast, California prices for domestic sales have increased since early December, largely a response to several large purchases by Northeast Asian buyers. California medium-grain milled rice (No. 1, 4-percent broken, sacked, free on board, domestic mill) were quoted at \$900 per ton for the week ending February 5, up \$100 from the week ending December 4. Export prices for California medium-grain milled-rice (4-percent broken, sacked, on board vessel in Oakland) remain quoted at \$838 per ton for the week ending February 5, unchanged since early December. 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.

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 farms 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 their 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	2.946
Harvested	2.679	2.463	2.933	2.584	3.097	2.374	2.915
	Pounds per harvested acre						
Yield	7,463	7,694	7,576	7,472	7,237	7,507	7,692
	Million cwt						
Beginning stocks	41.1	36.4	31.8	48.5	46.5	46.0	29.4
Production	199.9	189.5	222.2	193.1	224.1	178.2	224.2
Imports	21.1	23.1	24.6	24.1	23.5	26.9	28.5
Total supply	262.1	249.0	278.7	265.7	294.1	251.2	282.1
Food, industrial, & residual 3/	116.9	121.5	131.8	109.8	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	123.9	133.9	112.3	133.2	134.8	135.0
Exports	106.6	93.3	96.3	107.0	114.8	87.0	100.0
Rough	34.1	28.0	32.3	39.3	40.4	28.6	33.0
Milled 4/	72.5	65.3	63.9	67.7	74.4	58.4	67.0
Total use	225.7	217.2	230.2	219.3	248.0	221.8	235.0
Ending stocks	36.4	31.8	48.5	46.5	46.0	29.4	47.1
	Percent						
Stocks-to-use ratio	16.1	14.7	21.1	21.2	18.6	13.2	20.0
	\$/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 February 8, 2019.

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	2.198
Harvested	1.762	2.196	1.848	2.403	1.748	2.181
	Pounds per harvested acre					
Yield	7,464	7,407	7,219	6,927	7,314	7,517
	Million cwt					
Beginning stocks	21.9	16.2	26.5	22.7	31.0	20.3
Production	131.5	162.7	133.4	166.5	127.9	164.0
Imports	20.5	21.8	20.9	20.3	23.3	23.5
Total supply	173.9	200.6	180.7	209.4	182.2	207.8
Domestic use 3/	95.8	105.6	82.1	101.8	98.6	105.0
Exports	61.9	68.5	75.9	76.6	63.3	68.0
Total use	157.7	174.2	158.0	178.4	161.9	173.0
Ending stocks	16.2	26.5	22.7	31.0	20.3	34.8
	Percent					
Stocks-to-use ratio	10.3	15.2	14.4	17.4	12.6	20.1
	\$/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	0.748
Harvested	0.701	0.737	0.736	0.694	0.626	0.734
	Pounds per harvested acre					
Yield	8,271	8,080	8,109	8,311	8,048	8,209
	Million cwt					
Beginning stocks	12.2	13.3	20.2	20.9	11.5	7.6
Production	58.0	59.6	59.7	57.7	50.4	60.3
Imports	2.6	2.9	3.3	3.2	3.5	5.0
Total supply 5/	72.9	76.1	82.1	81.1	67.5	72.9
Domestic use 3/	28.1	28.3	30.2	31.4	36.2	30.0
Exports	31.4	27.7	31.0	38.2	23.7	32.0
Total use	59.5	56.0	61.2	69.6	59.9	62.0
Ending stocks	13.3	20.2	20.9	11.5	7.6	10.9
	Percent					
Stocks-to-use ratio	22.4	36.0	34.1	16.5	12.8	17.6
	\$/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 February 8, 2019.

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

Month	2018/19		2017/18		2016/17	
	\$/cwt	1,000 cwt	\$/cwt	1,000 cwt	\$/cwt	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	12.20	13,233	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	12.28	1/				
Season-average farm price	11.60-12.60		12.70		10.40	
Average marketings		10,056		13,011		15,578
Total volume marketed		40,222		156,131		186,935

Cwt = hundredweight. 1/ Weighted average.

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

Last updated February 8, 2019.

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

Month	Long-grain				Medium- and short-grain			
	2018/19		2017/18		2018/19		2017/18	
	\$/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	10.90	9,455	11.20	9,380	15.40	3,778	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/	11.11				16.03			
Season-average farm price	10.20-11.20		11.50		16.00-17.00		16.20	
Average marketings		7,649		9,682		2,407		3,329
Total volume marketed		30,596		116,178		9,626		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 February 8, 2019.

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

Month	California		Month	Other States 2/	
	2018/19	2017/18		2018/19	2017/18
	\$/cwt			\$/cwt	
October	17.30	18.20	August	14.00	11.00
November	17.40	19.30	September	12.70	10.80
December		18.80	October	11.70	11.00
January		19.20	November	11.80	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	17.35			12.55	
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 February 8, 2019.

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

Month	2018/19		2017/18		2016/17	
	Long-grain	Medium/ short-grain	Long-grain	Medium/ short-grain	Long-grain	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	9.07	9.24	9.86	10.22	8.46	8.65
January	8.69	8.86	10.39	10.77	8.55	8.74
February 2/	8.50	8.65	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/	9.11	9.29	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 February 8, 2019.

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 November	2018/19 through November
	1,000 tons								
ASIA	541.5	624.8	647.1	703.1	676.8	692.8	773.9	247.4	248.1
China	3.6	2.7	3.2	4.8	3.9	4.0	13.1	3.5	22.1
India	110.5	129.3	138.8	128.7	166.6	150.0	183.3	63.0	65.0
Pakistan	15.2	17.7	26.6	25.2	27.6	21.0	21.9	6.1	6.1
Thailand	387.6	393.8	428.6	472.2	437.3	482.3	529.3	166.5	146.5
Vietnam	21.7	77.8	45.4	67.5	35.6	29.0	19.6	6.8	6.3
Other	2.8	3.6	4.5	4.9	5.7	6.5	6.7	1.6	2.1
EUROPE & FORMER SOVIET UNION	14.3	12.0	12.0	14.5	16.3	17.7	17.1	4.5	4.5
Italy	5.2	7.5	8.2	9.0	9.5	11.7	11.7	3.5	2.9
Spain	4.7	2.3	1.2	1.8	2.1	1.7	4.1	0.6	1.2
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	0.4
WESTERN HEMISPHERE	64.5	35.9	41.0	47.1	76.6	36.3	63.6	14.2	14.9
Argentina	3.4	5.5	4.0	5.4	5.9	4.9	5.3	0.9	2.7
Brazil	30.5	5.0	14.4	16.5	51.8	15.2	39.0	7.4	3.0
Canada	16.3	12.1	13.8	11.5	10.5	11.8	16.2	4.9	6.5
Mexico	1.1	1.0	1.2	1.2	2.0	2.0	1.8	0.6	0.4
Uruguay	13.2	12.3	5.3	6.2	3.2	0.9	1.0	0.4	2.1
Other	0.0	0.1	2.3	6.3	3.2	1.5	0.3	0.1	0.1
OTHER	1.0	1.9	40.3	24.7	3.0	3.7	4.3	0.6	2.5
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	0.2
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	0.0	0.1
TOTAL	621.2	674.6	740.4	789.4	772.7	750.5	858.9	266.8	269.9

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 rounding.

Source: Department of Commerce, U.S. Census Bureau.

Last updated February 8, 2019.

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 Dec. 28, 2017 2/	2018/19 Through Dec. 27, 2018 2/
	1,000 tons									
EUROPE & FSU	101.7	61.3	41.7	38.1	30.2	22.2	14.0	27.8	14.9	19.6
European Union	90.3	52.2	37.7	30.6	26.8	18.6	11.0	24.8	13.7	17.9
Other Europe	5.3	5.5	1.1	2.9	2.3	2.5	2.0	2.1	0.7	1.0
Former Soviet Union (FSU)	6.1	3.6	2.9	4.6	1.1	1.1	1.0	0.9	0.5	0.7
NORTHEAST ASIA	473.6	592.3	561.4	474.6	464.1	608.3	690.3	451.4	354.8	352.2
Hong Kong	0.6	2.6	6.2	6.2	0.3	1.1	13.2	9.6	8.0	4.0
Japan	355.3	375.5	347.6	364.2	307.7	429.6	428.8	322.5	239.6	261.4
South Korea	100.6	148.6	145.1	72.1	123.5	132.6	220.8	88.3	79.4	67.6
Taiwan	17.1	65.6	62.5	32.1	32.6	45.0	27.5	31.0	27.8	19.2
OTHER ASIA, OCEANIA, & THE MIDDLE EAST	641.8	499.9	463.6	605.8	468.7	487.2	468.4	281.0	227.4	261.4
Australia	15.8	10.0	9.1	10.4	6.5	5.5	5.4	5.0	2.1	1.3
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	107.0	121.4
Israel	33.3	22.4	16.9	19.2	9.3	13.7	15.2	7.4	5.3	7.6
Jordan	83.0	93.2	71.2	88.7	71.9	82.2	98.5	61.1	49.5	50.8
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	1.9	1.7
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	54.0	62.7
Singapore	5.3	5.8	6.6	7.5	3.8	3.3	4.5	2.7	1.6	1.0
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	1.2
Rest of Asia, Oceania, and Middle East	36.6	35.6	27.4	30.3	18.6	21.9	35.4	12.7	5.3	13.6
AFRICA	432.4	179.6	249.1	110.8	128.0	91.4	147.9	54.1	13.6	18.3
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	6.6	10.5
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	1,049.4	1,173.7
Bahamas	6.3	6.3	6.3	6.0	6.1	4.9	4.0	4.5	2.0	2.4
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	65.1	71.5
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	38.9	43.7
Dominican Republic	7.0	8.9	1.7	7.9	6.5	15.0	36.6	15.5	1.7	2.8
El Salvador	77.0	76.5	83.8	70.1	76.4	89.6	67.4	71.1	37.3	50.2
Guatemala	69.4	81.4	77.6	81.5	75.3	113.1	118.6	105.4	52.7	63.9
Haiti	248.9	233.4	342.0	323.9	362.1	403.0	423.7	421.0	220.5	234.0
Honduras	136.8	140.0	122.4	142.4	132.0	151.8	152.2	161.5	90.6	142.9
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	0.5	0.6
Mexico	848.5	803.7	749.5	690.7	716.7	618.7	709.3	695.9	341.0	463.7
Netherlands Antilles	4.8	4.7	4.7	4.6	4.3	4.1	2.9	2.9	0.8	1.4
Nicaragua	142.2	40.6	39.9	10.3	2.0	0.0	6.1	10.0	0.0	37.0
Panama	88.2	59.7	39.3	24.1	45.8	67.8	65.5	40.6	19.8	5.0
Venezuela	149.6	94.1	262.5	98.9	223.9	287.7	318.9	137.6	125.8	13.5
Other Western Hemisphere	6.2	7.9	5.8	7.3	7.2	3.3	3.8	1.7	0.4	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	1,660.0	1,825.0

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 February 8, 2019.

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

Month or market-year 1/	United States			Thailand 5/				Vietnam 7/
	Southern long-grain milled 2/	Southern long-grain rough 3/	California medium-grain milled 4/	100% Grade B	5% Parboiled	15% Broken	A.1 6/ Super	5% Broken
	\$ / 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	550	294	810	392	387	375	NQ	413
Dec. 2018 8/	550	300	800	393	385	376	NQ	396
Jan. 2019	543	275	900	403	392	386	NQ	359
Feb. 2019 9/	520	275	900	NQ	NQ	NQ	NQ	343
2018/19 9/	548	285	873	397	387	380	NQ	387

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 broken, 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 broken, 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 broken, 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 February 8, 2019.

Errata: On February 19, 2019, the February Rice Outlook report was revised to correct Thailand's December 2018 and January 2019 prices in Table 9; Thailand's prices were not reported for the first week of February 2019.

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

Country	2017/18 2/					2018/19 2/			
	February 2016/17	December 2018	February 2019	Monthly revisions	Annual changes	December 2018	February 2019	Monthly revisions	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	110	110	0	-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	7,752	-408	-456
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	148,490	4,908	-383
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	263	263	0	-72	325	325	0	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	1,994	1,994	0	-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	3,868	3,868	0	-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	3,530	3,530	0	220
Nigeria	4,410	4,662	4,662	0	252	4,788	4,788	0	126
Pakistan	6,849	7,450	7,450	0	601	7,400	7,400	0	-50
Paraguay	619	643	653	10	34	674	683	9	30
Peru	2,185	2,097	2,097	0	-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	670	673	3	31
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	20,700	20,700	0	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	7,119	188	1,460
Uruguay	987	952	952	0	-35	887	887	0	-65
Venezuela	305	275	275	0	-30	170	170	0	-105
Vietnam	27,400	28,471	28,471	0	1,071	29,069	29,069	0	598
Subtotal	486,927	490,958	490,968	10	4,041	486,987	491,687	4,700	719
Others	4,010	4,108	4,101	-7	91	4,152	4,180	28	79
World total	490,937	495,066	495,069	3	4,132	491,139	495,867	4,728	798

-- 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 February 8, 2019.

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

Country	2018 1/					2019 1/			
	February 2017	December 2018	February 2019	Monthly revisions	Annual changes	December 2018	February 2019	Monthly revisions	Annual changes
	1,000 metric tons (milled basis)								
Argentina	392	350	291	-59	-101	380	380	0	89
Australia	187	275	275	0	88	75	50	-25	-225
Brazil	594	1,050	1,245	195	651	850	900	50	-345
Burma	3,350	2,800	2,800	0	-550	3,000	2,800	-200	0
Cambodia	1,150	1,250	1,200	-50	50	1,300	1,000	-300	-200
China	1,173	1,700	2,058	358	885	1,900	2,500	600	442
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	11,800	-700	-760	12,500	12,500	0	700
Japan	50	60	60	0	10	70	70	0	10
Kazakhstan	50	60	60	0	10	50	50	0	-10
Mexico	90	95	99	4		90	90	0	-9
Pakistan	3,642	4,300	4,300	0	658	4,250	4,250	0	-50
Paraguay	500	625	653	28	153	650	650	0	-3
Peru	100	80	80	0	-20	50	50	0	-30
Russia	175	140	114	-26	-61	160	160	0	46
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	11,075	375	-540	10,300	10,000	-300	-1,075
Turkey	56	55	45	-10	-11	60	25	-35	-20
Uganda	40	40	40	0	0	40	40	0	0
United States	3,349	2,900	2,800	-100	-549	3,200	3,200	0	400
Uruguay	1,051	900	799	-101	-252	800	800	0	1
Venezuela	40	20	20	0	-20	0	0	0	-20
Vietnam	6,488	6,700	6,590	-110	102	7,000	7,000	0	410
Subtotal	47,975	47,905	47,709	(196)	(275)	48,960	48,960	0	1,251
Other	137	308	321	13	193	257	257	0	-64
World total	48,112	48,213	48,030	-183	-82	48,307	48,124	-183	94
U.S. Share	7.0%	6.0%	5.8%	--	--	6.6%	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 February 8, 2019.

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

Country	2018 1/					2019 1/			
	February 2017	December 2018	February 2019	Monthly revisions	Annual changes	December 2018	February 2019	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	200	200	0	45
Bangladesh	2,348	1,400	1,400	0	-948	600	400	-200	-1,000
Brazil	754	650	537	-113	-217	650	750	100	213
Cameroon	600	650	650	0	50	700	700	0	50
Canada	364	370	370	0	6	380	380	0	10
China	5,900	4,800	4,600	-200	-1,300	5,000	4,500	-500	-100
Colombia	105	130	130	0	25	150	150	0	20
Costa Rica	140	150	115	-35	-25	160	160	0	45
Cote d'Ivoire	1,350	1,400	1,500	100	150	1,450	1,600	150	100
Cuba	429	500	550	50	121	500	500	0	-50
Egypt	90	75	210	135	120	400	400	0	190
European Union	1,985	2,000	2,000	0	15	2,000	2,000	0	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	163	38	49	150	150	0	-13
Hong Kong	334	345	326	-19	-8	345	345	0	19
Indonesia	350	2,150	2,300	150	1,950	800	800	0	-1,500
Iran	1,500	1,300	1,250	-50	-250	1,400	1,400	0	150
Iraq	1,060	1,150	1,150	0	90	1,300	1,300	0	150
Japan	679	685	670	-15	-9	685	685	0	15
Jordan	220	200	200	0	-20	230	230	0	30
Kenya	675	700	700	0	0	750	750	0	0
Korea, North	80	80	80	0	0	80	80	0	0
Korea, South	412	420	420	0	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	91	16	3	85	85	0	-6
Niger	300	310	310	0	10	320	320	0	10
Nigeria	2,500	2,100	2,000	-100	-500	2,400	2,200	-200	200
Philippines	1,200	1,900	2,300	400	1,100	1,800	2,300	500	0
Russia	244	240	220	-20	-24	240	240	0	20
Saudi Arabia	1,195	1,250	1,250	0	55	1,300	1,300	0	50
Senegal	1,100	1,150	1,100	-50	0	1,250	1,250	0	150
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	270	-80	-30	350	250	-100	-20
United Arab Emirates	750	825	825	0	75	900	900	0	75
United States	787	855	855	0	68	900	900	0	45
Venezuela	330	500	609	109	279	450	550	100	-59
Vietnam	500	400	400	0	-100	400	400	0	0
Yemen	390	410	410	0	20	420	420	0	10
Subtotal	38,418	38,270	38,586	316	143	37,755	37,605	-150	-1,031
Other countries 2/	9,694	9,943	9,444	-499	-225	10,552	10,519	-33	1,125
World total	48,112	48,213	48,030	-183	-82	48,307	48,124	-183	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>.

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