



Rice Outlook

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U.S. 2019/20 Rice Production Forecast Lowered 2 Percent to 205.4 Million Cwt

There were several revisions this month to the 2019/20 U.S. rice balance sheet. On the supply side, the U.S. production forecast was lowered 3.3 million cwt to 205.4 million cwt based on a lower all rice yield reported by NASS. In addition, the 2019/20 carryin was lowered 1.0 million cwt to 50.6 million cwt due to stronger exports in 2018/19. On the use side, the 2019/20 total domestic and residual use forecast was lowered 1.0 million cwt to 137.0 million cwt. Exports in 2019/20 remain forecast at 101.0 million cwt. These supply and use revisions resulted in a 3.3-million cwt reduction in the 2019/20 ending stocks forecast to 47.2 million cwt. The 2019/20 season-average farm price forecast was raised for both long-grain rice and southern medium- and short-grain rice. The only revision to the 2018/19 U.S. rice balance sheet was a 1.0-million cwt increase in the medium- and short-grain export forecast to 27.0 million cwt which lowered the all rice endings forecast to 50.6 million cwt. The 2018/19 long-grain season-average farm price was raised 10 cents to \$12.80 per cwt.

In the 2019/20 global rice market, the world production forecast was raised fractionally to 497.9 million tons, still 0.8 million tons below the 2018/19 record. Production forecasts for 2019/20 were raised this month for Iraq and Vietnam, but lowered for Thailand and the United States. China's 2019/20 consumption and residual use forecast was lowered 1.6 million tons to 143.0 million tons and its endings stocks raised 2.0 million tons to a record 118.0 million tons. Global ending stocks are projected at a record 174.7 million tons, with China accounting for about 68 percent of the total. The calendar year 2020 global trade forecast was lowered 0.3 million tons to 46.9 million tons, with Thailand accounting for most of the reduced export forecast, and China and Iraq accounting for most of the reduced 2020 import forecast. Thailand's export prices rose over the past month, while prices for Vietnam's summer-autumn crop that is currently being harvested are well below prices for the previously harvested winter-spring crop.

Domestic Outlook

U.S. 2019/20 Rice Crop Forecast Lowered 3.3 Million Cwt

There were two supply side revisions this month to the 2019/20 U.S. rice balance sheet. First, USDA lowered its 2019/20 U.S. rice production forecast by 3.3 million cwt to 205.4 million cwt based on a lower yield reported by NASS. At 7,577 pounds per acre, the 2019/20 average yield for all rice is down 121 pounds from the previous forecast and 115 pounds below the year-earlier near-record. This is the first survey-based yield for the 2019/20 U.S. rice crop. Yields for all rice by State were also reported this month. The first yields estimates by class for the United States and by State for the 2019/20 U.S. rice crop will be reported in January 2020 in the NASS *Crop Production 2019 Summary*.

The 2019/20 U.S. rice crop is more than 8 percent smaller than the 2018/19 crop, mostly due to reduced plantings. By class, the 2019/20 U.S. long-grain rice crop is forecast at 149.1 million cwt, down 3.0 million cwt from the previous forecast and 9 percent smaller than the 2018/19 crop. The 2019/20 U.S. medium- and short-grain crop is forecast at 56.3 million cwt, down 0.3 million cwt from the previous forecast and 6.6 percent smaller than a year earlier.

At 2.76 million acres, U.S. rice plantings in 2019/20 were 6.4 percent below a year earlier, with the Delta accounting for the bulk of the 190,000-acre reduction in rice plantings. At 2.71 million acres, harvested area is down 204,000 acres from 2018/19. Planted and harvested area estimates for the U.S. and by State are unchanged from the estimates reported in the June NASS *Acreage* report. Harvested area declined in 2019/20 in all reported States except for Mississippi and Texas, with Arkansas accounting for almost three-fourths percent of the total decline. Missouri reported the second largest decline, with harvested area dropping 32,000 acres. Heavy and persistent rains occurring nearly all spring across most of the South—especially in Arkansas and Missouri—account for much of the decline U.S. rice acreage in 2019/20. The rains also delayed plantings several weeks and hampered field operations in these two States, with planting continuing well into late June. In addition, prices for long-grain rice, the dominant class of rice grown in the South, were declining in late winter and early spring when producers were making planting decisions for the 2019/20 crop.

Rice yields in 2019/20 are forecast to be below a year earlier in all reported States except for California and Mississippi. At 7,300 pounds per acre, Missouri's 2019/20 yield is down 6 percent from a year earlier and the lowest since 2016/17. Arkansas' 2019/20 yield of 7,450 pounds is down 1 percent from a year earlier and also the lowest since 2016/17. The 2019/20 rice crop in both States was severely delayed by rains this spring. Louisiana's 2019/20 yield is forecast at 6,700 pounds per acre, also down 6 percent from a year earlier and the lowest since 2016/17. At 7,900 pounds, the 2019/20 Texas rice yield is also down 1 percent from a year earlier. In contrast, California's 2019/20 yield of 8,700 pounds per acre is up 1 percent from a year earlier and the second highest on record. In contrast to the South, crop conditions in California have been reported quite favorable all year. Mississippi's 2019/20 forecast yield of 7,350 pounds per acre is unchanged from a year earlier but below the 2014/15 record of 7,420 pounds per acre.

Rice crops are forecast to be smaller than a year earlier in 2019/20 in all reported States except for Mississippi and Texas, with Arkansas accounting for almost two-thirds of the 18.8-million cwt decline in production. At 95.1 million, the Arkansas rice crop is down 11 percent from a year earlier, mostly due to smaller area. Missouri's 2019/20 rice crop is forecast at 13.7 million cwt, down 19 percent from a year earlier, a result of both reduced area and a weaker yield. The Louisiana 2019/20 rice crop is projected at 27.8 million cwt, down 11 percent from 2018/19 due to smaller plantings and a lower yield. California's 2019/20 rice crop is projected to decline 2 percent to 42.5 million cwt, a result of reduced plantings. In contrast, Mississippi's 2019/20 rice crop is forecast to increase 7 percent to 11.0 million

cwt, a result of expanded area. Despite a slightly lower yield, the 2019/20 Texas rice crop of 15.3 million cwt is up 2 percent from a year earlier due to expanded plantings.

Crop progress continues to remain behind normal in much of the Delta, largely due to late planting caused by excessive rainfall this spring. In Arkansas, 73 percent of the 2019/20 rice crop was reported headed by August 11, well behind 93 percent last year and behind the State's 5-year average of 85 percent. The Missouri rice crop was reported just 55 percent headed by August 11, down sharply from 89 percent a year earlier and well behind the State's average of 80 percent. Crop progress in both of these Delta States has been well behind normal all season.

Harvest of the 2019/20 U.S. rice crop began in late July on the Gulf Coast, slightly later than normal. For the week ending August 11, 38 percent of Louisiana's crop was reported harvested, behind both 53 percent a year earlier and the State's 5-year average of 44 percent. In Texas, 21 percent of the 2019/20 rice crop was reported harvested by August 11, also well behind 41 percent reported a year earlier and the Texas 5-year average of 36 percent. Harvest had not begun in the Delta or California, typical for early August.

Total U.S. Rice Supplies Are Projected To Be Up 1 Percent in 2019/20

The second 2019/20 supply revision this month was a 1.0-million cwt reduction in the carryin to 50.6 million cwt, a result of a higher 2018/19 export forecast. The downward revision in the 2019/20 carryin was entirely for medium- and short-grain rice, which was reduced to 15.6 million cwt, still more than double the 2018/19 carryin. The 2019/20 U.S. long-grain carryin remains forecast at 33.6 million cwt, up 65 percent from 2018/19 and the highest since 2011/12. The U.S. 2019/20 all rice carryin of 50.6 million cwt is down 1.0 million cwt from the previous forecast but up 72 percent from a year earlier and the highest since 1987/88.

U.S. all rice imports for 2019/20 remain forecast at a record 29.2 million cwt, up just 0.2 million cwt from 2018/19. Long-grain 2019/20 imports remain projected at a record 23.5 million cwt, up 0.2 million from a year earlier. Aromatic varieties from South and Southeast Asia are projected to continue to account for the bulk of U.S. long-grain imports. Combined medium- and short-grain imports remain projected at 5.7 million cwt, unchanged from a year earlier but below the 2006/07 record of 6.3 million cwt. This forecast assumes China will continue to ship rice to Puerto Rico. China and Thailand now account for more than 75 percent of U.S. imports of medium- and short-grain rice, with Thailand shipping mostly glutinous rice. China re-entered the U.S. import market in 2018/19 after being largely absent for a decade.

Total U.S. rice supplies in 2019/20 are forecast at 285.2 million cwt, down 4.3 million cwt from the previous forecast due to smaller forecasts for production and carryin. Total supplies are projected to be up 2.6 million cwt from a year earlier. Long-grain 2019/20 total supplies are projected at 206.2 million cwt, down 3.0 million cwt from the previous forecast and 1.4 million cwt below a year earlier. The year-to-year decline is due to a smaller crop. Combined medium- and short-grain total supplies are projected at 77.6 million cwt, down 1.3 million cwt from the previous forecast but 4.0 million cwt larger than a year earlier. The year-to-year increase is due to a much larger carryin.

Forecasts for 2019/20 Domestic and Residual Use Lowered; U.S. Export Forecasts Unchanged

The 2019/20 forecast for total domestic and residual use of rice was lowered 1.0 million cwt this month to 137.0 million cwt, down 2.0 million cwt from the year-earlier record. Long grain accounts for all of the downward revision in domestic and residual use this month. The downward revision was based on a smaller crop. At 105.0 million cwt, long-grain domestic and residual use is 1.0 million cwt below the previous forecast and 3.0 million cwt below a year earlier. The year-to-year expected decline is based on a substantially smaller crop in 2019/20. Combined medium- and short-grain domestic and residual use remains forecast at 32.0 million cwt, up 1.0 million from a year earlier. The year-to-year increase is largely based on greater supplies.

Total U.S. rice exports in 2019/20 remain projected at 101.0 million cwt, 9 percent larger than the year-earlier revised level. By class, long-grain exports remain projected at 72.0 million cwt, 9 percent higher than in 2018/19. Much of the expected increase in exports is based on an abnormally high level of outstanding sales from 2018/19 that will be shipped in the 2019/20 market year, consisting of large purchases by Iraq and Mexico in particular. In addition, in 2019/20, the United States is expected to regain some market share in Mexico, Central America, and northern South America due to more competitive prices than those of South American exporters, who are expected to harvest smaller crops in 2019/20.

Combined medium- and short-grain 2019/20 U.S. rice exports are projected at 29.0 million cwt, up 2.0 million cwt from the year-earlier revised forecast. Sales to Northeast Asia account for the majority of U.S. medium- and short-grain exports, with California supplying virtually all U.S. shipments to the region. Both California and the Southern States ship rice to the Mediterranean. Jordan and Libya are currently the main buyers of U.S. medium- and short-grain rice in the Middle East. Mexico, Canada, Lebanon, and Israel typically buy smaller amounts of U.S. medium- and short-grain rice. Despite the absence of Egypt from the global medium- and short-grain export market, the United States has so far picked up almost none of Egypt's export market, with China the primary beneficiary of Egypt's exit from the export market and Australia's sharply reduced exports.

U.S. 2019/20 rough-rice exports remain projected at 38.0 million cwt, up 13 percent from the 2018/19 revised forecast. Long-grain accounts for most of the expected increase in U.S. rough-rice exports in 2019/20 and the bulk of expected shipments. Latin America accounts for nearly all of U.S. long-grain rough-rice shipments and the expected increase. Much smaller amounts of medium- and short-grain rough-rice exports are typically shipped to North Africa and the Middle East, with Libya currently the major buyer. Turkey, once a regular large buyer of U.S. medium- and short-grain rough rice, is not expected to return as a significant buyer in 2019/20.

In 2019/20, U.S. milled rice exports (combined milled and brown rice exports on a rough-rice basis) remain projected at 63.0 million cwt, up 6 percent from the 2018/19 revised forecast. Northeast Asia is the largest market for U.S. milled rice, taking almost exclusively medium- and short-grain varieties from California. Haiti is the largest market for U.S. long-grain milled rice exports, with sales already rebounding from earlier sluggishness caused by civil disorder in the country. The United States supplies nearly all of Haiti's rice imports. Iraq, Canada, Saudi Arabia, and Jordan are also major buyers of U.S. milled rice. Columbia purchases smaller amounts of U.S. milled rice.

U.S. All Rice Ending Stocks Forecast for 2019/20 Lowered; Season-Average Farm Prices Raised

The 2019/20 U.S. rice ending stocks forecast was lowered 3.3 million cwt to 47.2 million cwt, down 7 percent from a year earlier. The downward revision was due to a smaller crop and reduced carryin. The all-rice stocks-to-use ratio is estimated at 19.8 percent, down from 21.8 percent in 2018/19.

By class, U.S. 2019/20 long-grain ending stocks are projected at 29.2 million cwt, down 2.0 million cwt from the previous forecast and 13 percent below 2018/19. The long-grain ending stocks-to-use ratio is estimated at 16.5 percent, down from 19.3 percent a year earlier.

Combined medium- and short-grain 2019/20 ending stocks are projected at 16.6 million cwt, down 1.3 million cwt from the previous forecast but 6.6 percent larger than a year earlier. The year-to-year increase is the result of a much larger carryin more than offsetting a smaller crop and expanded use. The medium- and short-grain stocks-to-use ratio is forecast at 27.2 percent, down from 26.9 percent a year earlier.

There were several changes to the 2019/20 season-average farm price (SAFP) forecasts this month. First, the 2019/20 U.S. long-grain SAFP forecast was raised 50 cents to \$11.00 per cwt based on a smaller crop and slightly higher recently reported prices. The long-grain 2019/20 SAFP forecast is up 20 cents from the 2018/19 revised forecast, a result of slightly tighter supplies and stronger global trading prices. The Southern medium- and short-grain 2019/20 SAFP was raised 50 cents to \$11.50 per cwt, down 70 cents from a year earlier. The upward revision was largely based on higher expected U.S. long-grain prices in 2019/20. The California medium- and short-grain 2019/20 SAFP remains forecast at \$18.00 per cwt, unchanged from the 2018/19 SAFP. The U.S. medium- and short-grain SAFP was raised 10 cents to \$15.90, down 40 cents from the year-earlier combined medium- and short-grain SAFP. The U.S. 2019/20 all-rice SAFP is projected at \$12.20 per cwt, up 40 cents from the previous forecast and 10 cents above the revised 2018/19 SAFP.

The 2018/19 long-grain SAFP was raised 10 cents to \$10.80 per cwt based on reported NASS prices through June and expectations regarding prices in July. The higher long-grain SAFP raised the 2018/19 all-rice SAFP 10 cents to \$12.10, down 80 cents from a year earlier.

The only revision to the U.S. 2018/19 rice balance sheet this month was a 1.0-million cwt increase in the medium- and short-grain export forecast to 27.0 million cwt based on Census trade data through June and year-end shipment data reported in the weekly U.S. Export Sales report. Several purchases by Japan that were shipped in June and July boosted the 2018/19 export forecast. The 1.0-million cwt increase in the medium- and short-grain export forecast lowered the ending stocks forecast for both combined medium- and short-grain rice and for all rice. The only other revision for 2018/19 was a 10-cent increase in the SAFP for long-grain rice to \$10.80 per cwt, which raised the all-rice SAFP 10 cents to \$12.00 cwt.

International Outlook

Crop Forecasts for 2019/20 Raised for Iraq and Vietnam, Lowered for Thailand and the United States

Global rice production in 2019/20 is projected at 497.9 million tons (milled basis), up less than 0.1 million tons from the previous forecast but almost 0.8 million tons below the year-earlier record. The projected year-to-year global production decline is due to a 0.3-million-hectare drop in global rice harvested area from the year-earlier record to 163.2 million hectares. Brazil, China, India, Mali, Nepal, Sri Lanka, and the United States account for most of the projected decline in global production in 2019/20. In contrast, crops are projected to be larger than a year earlier in Bangladesh, Burma, Egypt, Indonesia, Iraq, Laos, the Philippines, and Vietnam. The average yield of 4.56 tons per hectare (rough basis) is up fractionally from a year earlier and matches the 2017/18 record.

This report will describe this month's two largest 2019/20 production revisions. First, Vietnam's 2019/20 rice production forecast was raised 0.3 million tons to a record 28.3 million tons, up 1.4 percent from 2017/18. This month's upward revision was based on a higher area estimate. At 7.67 million hectares, Vietnam's 2019/20 rice harvested area is up 165,000 hectares from the previous forecast and unchanged from the 2017/18 revised estimate. Harvested area estimates for both the winter-spring crop—the country's largest—and the summer-autumn crop were revised higher. However, yields for these two crops were lowered, partially offsetting the impact of the larger harvested area. No revisions were made to the much smaller 10-month crop to be harvested later in the fall. Despite this month's upward revision, Vietnam's rice-harvested area remains below the 2012/13 record of 7.86 million hectares. Much of the data supporting revisions to Vietnam's rice production were based on information provided by the U.S. Agricultural Office in Hi Chi Minh City. Vietnam is the fifth largest rice producing country and is consistently the third largest rice exporting country.

Second, Iraq's 2019/20 rice production forecast was raised 260,000 tons to 300,000 tons, up from just 20,000 tons in 2018/19 but unchanged from the 2013/14 record. The substantial upward revision in Iraq's 2019/20 production is based on much larger area and a record yield. At 95,000 hectares, Iraq's 2019/20 rice harvested area is up 87,000 hectares from a year earlier. This is the largest rice area for Iraq since 2014/16 and is a result of sufficient rainfall after a severe shortage in 2018 that sharply limited rice area. The average yield of 4.74 tons per hectare is up 26 percent from 2018/19 and is the highest on record. Iraq is a major rice importer, with imports typically accounting for 85 percent of consumption. Much smaller 2019/20 upward production revisions were made this month for Russia and Turkey.

These 2019/20 upward revisions were nearly offset by two substantial downward revisions. First, Thailand's 2019/20 rice production forecast was lowered 0.4 million tons to 20.5 million tons, just fractionally below the 2018/19 crop. This month's downward revision was based on a 0.11-million hectare drop in the harvested area forecast to 10.9 million hectares due to severe drought in much of the northeast that is expected to reduce the off-season crop to be planted in late 2019 for harvest from March through June. The bulk of this crop is irrigated and typically accounts for less than 30 percent of total production. Second, the U.S. 2019/20 rice production forecast was lowered 105,000 tons to 6.52 million tons based on a lower yield reported by USDA. At 8.49 tons per hectare, the U.S. 2019/20 yield is 1.5 percent below a year earlier. Yields are reported below a year earlier in all southern rice growing States except Mississippi. Heavy and persistent rains during most or all of the spring delayed plantings and hindered field operations in much of the South, especially in the Delta, the largest rice growing region in the United States. The EU 2019/20 was lowered a much smaller amount due to a reduced forecast for Spain.

The 2018/19 global production estimate was lowered fractionally to 498.6 million tons, still up nearly 1 percent from a year earlier and the highest on record. Indonesia accounted for most of the 2018/19 downward revision. Indonesia's 2018/19 rice production estimate was lowered 0.4 million tons to 36.7 million tons, almost 1 percent below a year earlier. The reduced crop estimate is due to prolonged drought during the second (dry season) crop season on Java, Bali, and Nusa Tenggara. Motivated by high corn prices, many farmers shifted to producing corn, a less water-intensive crop. Indonesia's total harvested rice area in 2018/19 was lowered 0.1 million hectares to 12.1 million hectares, more than 1 percent below a year earlier. The EU's 2018/19 production estimate was lowered a much smaller amount due a reduced production estimate for Spain.

This 2018/19 downward revisions were nearly offset by two upward revisions. First, Vietnam's 2018/19 crop estimate was raised 212,000 tons to 27.9 million tons based on a 115,000-hectare increase in the harvested area estimate to 7.67 million hectares, fractionally above a year earlier. Harvested area estimates were raised for both the winter-spring crop and the summer-autumn crop, the two largest of the three annual rice crops grown each year in Vietnam. However, the impact of the expanded area was partially offset by a reduced yield for the winter-spring crop, the highest yielding of the three crops. Second, Nepal's 2018/19 rice production estimate was raised 0.2 million tons to a record 3.73 million tons based on a much higher yield, partly a result of actions from the recently announced aim of the Government of Nepal to increase rice production from 2018-2023.

Global rice consumption and residual use for 2019/20 is projected at a record 494.5 million tons, down 1.6 million from the previous forecast but up 1 percent from a year earlier. China accounts for most of the downward revision in global consumption and residual this month. China's consumption and residual use forecast was reduced 1.6 million tons to 143.0 million tons based on reduced use of rice in feed and no growth in domestic auctions of Government-held rice stocks. With global production again exceeding consumption, global ending rice stocks in 2019/20 are projected to increase 3.4 million tons from last year to a record 174.7 million tons, up 2.0 million tons from the previous forecast. China accounts for most of this month's upward revision in global ending stocks. At a record 118.0 million tons, China's 2019/20 projected ending stocks are up 2.0 million tons from the previous forecast and 3.0 million tons higher than a year earlier. China is projected to account for 68 percent of global ending stocks in 2019/20. The global stocks-to-use ratio in 2019/20 is projected at 35.3 percent, up slightly from 35.0 percent a year earlier.

Global Rice Trade in 2020 Projected To Increase More than 1 Percent

Global rice trade in 2020 is projected at 46.9 million tons, up 625,000 tons from a year earlier but still below the 2017 record of 48.1 million tons. In 2020, increased exports by China, India, Thailand, and the United States are projected to more than offset reduced shipments from Argentina, Australia, Brazil, Burma, Pakistan, and Paraguay. On the 2020 import side, Australia, Brazil, China, Guinea, Kenya, Madagascar, Nepal, Nigeria, Senegal, South Africa, and the United Arab Emirates are projected to increase purchases. In contrast, Bangladesh, Egypt, European Union, Iran, Iraq, Laos, and the Philippines are projected to import less rice in 2020, with declines especially large for Bangladesh and the Philippines. The 2019 global rice trade forecast was lowered 0.46 million tons to 46.3 million tons, nearly 3 percent below a year earlier. Bangladesh, China, Indonesia, Sri Lanka, and Venezuela account for the bulk of the projected decline in global imports in 2019. On the export side, Australia, Brazil, and China account for the bulk of the projected decline.

Table A - Rice imports at a glance (1,000 MT), August 2019				
Country or region	Trade	Month-to-month forecast change	Year-to-year forecast change	Comments on year-to-year forecast changes
Thousand metric tons				
Rice Imports, 2020				
Canada	400	15	0	Expected trend
China	3,300	-100	50	Lower consumption
European Union	2,050	50	-50	Import pace
Iraq	1,150	-200	-50	Larger crop
Nicaragua	95	8	5	Slow pace
Venezuela	450	-80	-25	
Rice Imports, 2019				
Canada	400	20	17	Year to date
China	3,250	-150	-1,250	Year to date and lower consumption
European Union	2,100	100	178	Year to date and higher import pace
Iraq	1,200	-100	0	Larger crop
Mexico	780	-35	4	Lower re-exports to Venezuela
Nicaragua	90	5	-1	
South Africa	1,000	-100	-71	Slow pace
Venezuela	475	-55	-157	Slow pace
Table B - Rice exports at a glance (1,000 MT), August 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, 2020				
Canada	15	6	2	Exports to the United States
Mexico	20	-80	-15	Lowered trade with Venezuela
Thailand	9,500	-200	500	Expected trend
Rice Exports, 2019				
Canada	13	5	0	Exports to the United States
India	11,800	-200	9	Year to date
Mexico	35	-55	74	Lowered trade with Venezuela
South Africa	115	-10	2	Trade data
Thailand	9,000	-200	2,056	Slow exports and high prices

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

Thailand's Export Prices Rose Over the Past Month

Price quotes for most grades of Thailand's regular milled white rice and parboiled rice increased 3-4 percent over past month due to increasing concerns about the impact of the drought in the northeast on production, strong domestic and African demand for parboiled rice, and a stronger baht. For the week ending August 5, Thailand's 100-percent grade B milled white rice was quoted at \$417 per ton, up \$14 from the week ending July 8 and the highest in more than a year. Prices for Thailand's lower quality 15-percent broken were quoted at \$400 per ton for the week ending August 8, up \$15 from the week ending July 8. Prices for Thailand's 5 percent broken parboiled rice were quoted at \$409 per ton for

the week of August 5, also up \$15 from the week ending July 8. Prices for Thailand's premium jasmine rice—an aromatic—were quoted at \$1,146 per ton for the week ending August 5, up \$63 from the week ending July 8. All price quotes for Thailand's rice are from the *Weekly Rice Price Update* reported by the U.S. Agricultural Office in Bangkok.

Prices for Vietnam's summer-autumn crop—currently being harvested—have increased over the past month, but remain around \$35-\$40 per ton weaker than the already-harvested winter-spring crop, indicating a longer-term softness in Vietnam's prices—partly a response to expectations of a strong 2018/19 summer-autumn crop and forecast for record total production in 2019/20, as well much weaker sales to top-buyer China. For the week ending August 6, prices for Vietnam's 5-percent broken, regular-milled white rice from the summer-autumn crop were quoted at \$350 per ton, up \$25 from the week ending July 9, but still \$35 per ton below current winter-spring crop prices. The recent increase is likely due to getting some new purchases and securing supplies for older sales to local buyers. Vietnam's prices are now about \$60 below comparable grades of rice from Thailand, well above the long-term average of \$20-\$40.

U.S. prices for long-grain milled-rice rose slightly over the past month. For the week ending August 6, 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 \$510 per ton, up \$5 from the weeks ending July 9. The U.S. price difference over Thailand's 100-percent Grade B milled rice is \$96 per ton, down \$5 from a month earlier. In contrast, prices for U.S. long-grain rough-rice (bulk, fob vessel, New Orleans) were quoted at \$290 per ton for the week ending August 6, down \$5 from the week of July 9.

California milled rice prices for domestic sales have remained unchanged over the past month. California medium-grain milled rice (No. 1, 4-percent broken, sacked, free on board, domestic mill) were quoted at \$825 per ton for the week ending August 6, unchanged since late May. Export prices for California medium-grain milled-rice (4-percent broken, sacked, on board vessel in Oakland) are unchanged as well. For the week ending August 6, prices were quoted at \$925 per ton for the week ending June 11, unchanged since early October. Buyers are likely waiting for new crop availability to make new purchases. 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 ERS Rice 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 Bill McBride, Sharon Raszap Skorbiansky, and Nathan Childs, discusses changes in 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 Sharon Raszap Skorbiansky, Nathan Childs, and Jim Hansen, explores the growing trend of feed rice in Asia's markets and simulates 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 depends heavily on whether producers substitute the rice for domestic or imported feed grains.

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

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Tables

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

Item	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19 2/	2019/20 2/
TOTAL RICE	Million acres						
Area:							
Planted	2.490	2.954	2.625	3.150	2.463	2.946	2.756
Harvested	2.463	2.933	2.584	3.097	2.374	2.915	2.711
	Pounds per harvested acre						
Yield	7,694	7,576	7,472	7,237	7,507	7,692	7,577
	Million cwt						
Beginning stocks	36.4	31.8	48.5	46.5	46.0	29.4	50.6
Production	189.5	222.2	193.1	224.1	178.2	224.2	205.4
Imports	23.1	24.6	24.1	23.5	27.5	29.0	29.2
Total supply	249.0	278.7	265.7	294.1	251.8	282.6	285.2
Food, industrial, & residual 3/	121.5	131.8	110.2	131.3	133.1	136.8	N/A
Seed	2.4	2.1	2.5	2.0	2.3	2.2	N/A
Total domestic use	123.9	133.9	112.7	133.2	135.4	139.0	137.0
Exports	93.3	96.3	106.6	114.8	87.1	93.0	101.0
Rough	28.0	32.3	38.9	40.4	28.8	33.5	38.0
Milled 4/	65.3	63.9	67.7	74.4	58.2	59.5	63.0
Total use	217.2	230.2	219.3	248.0	222.4	232.0	238.0
Ending stocks	31.8	48.5	46.5	46.0	29.4	50.6	47.2
	Percent						
Stocks-to-use ratio	14.7	21.1	21.2	18.6	13.2	21.8	19.8
	\$/cwt						
Average farm price 5/	16.30	13.40	12.20	10.40	12.90	12.10	12.20
	Percent						
Average milling rate	71.00	70.50	70.00	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 August 12, 2019.

Table 2--U.S. rice supply and use, by class 1/

Item	2014/15	2015/16	2016/17	2017/18	2018/19 2/	2019/20 2/
LONG GRAIN:						
	Million acres					
Planted	2.211	1.879	2.442	1.811	2.198	--
Harvested	2.196	1.848	2.403	1.748	2.181	--
	Pounds per harvested acre					
Yield	7,407	7,219	6,927	7,314	7,517	--
	Million cwt					
Beginning stocks	16.2	26.5	22.7	31.0	20.3	33.6
Production	162.7	133.4	166.5	127.9	164.0	149.1
Imports	21.8	20.9	20.3	23.3	23.3	23.5
Total supply	200.6	180.7	209.4	182.2	207.6	206.2
Domestic use 3/	105.6	82.5	101.8	98.6	108.0	105.0
Exports	68.5	75.6	76.6	63.2	66.0	72.0
Total use	174.2	158.0	178.4	161.9	174.0	177.0
Ending stocks	26.5	22.7	31.0	20.3	33.6	29.2
	Percent					
Stocks-to-use ratio	15.2	14.4	17.4	12.6	19.3	16.5
	\$/cwt					
Average farm price 4/	11.90	11.20	9.61	11.50	10.80	11.00
MEDIUM/SHORT GRAIN:						
	Million acres					
Planted	0.743	0.746	0.708	0.652	0.748	--
Harvested	0.737	0.736	0.694	0.626	0.734	--
	Pounds per harvested acre					
Yield	8,080	8,109	8,311	8,048	8,209	--
	Million cwt					
Beginning stocks	13.3	20.2	20.9	11.5	7.6	15.6
Production	59.6	59.7	57.7	50.4	60.3	56.3
Imports	2.9	3.3	3.2	4.2	5.7	5.7
Total supply 5/	76.1	82.1	81.1	68.2	73.6	77.6
Domestic use 3/	28.3	30.2	31.4	36.7	31.0	32.0
Exports	27.7	31.0	38.2	23.8	27.0	29.0
Total use	56.0	61.2	69.6	60.6	58.0	61.0
Ending stocks	20.2	20.9	11.5	7.6	15.6	16.6
	Percent					
Stocks-to-use ratio	36.0	34.1	16.5	12.6	26.9	27.2
	\$/cwt					
Average farm price						
U.S. average 4/ 6/	18.30	15.30	13.10	17.00	16.30	15.90
California 6/ 7/	21.60	18.10	14.10	20.10	18.00	18.00
Other States 4/	14.40	11.20	10.10	11.70	12.20	11.50
Ending stocks difference 1/	1.9	2.9	3.5	1.4	N/A	N/A

Cwt = hundredweight. 1/ Stock totals by type omit broken, 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 broken. 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 August 12, 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	14.30	4,529	11.30	10,290	11.70	8,327
September	12.50	8,054	11.50	10,475	10.60	10,006
October	11.90	14,485	12.40	14,046	10.40	15,659
November	12.20	13,233	13.50	13,896	10.50	15,632
December	11.90	16,278	12.90	15,535	10.50	18,014
January	12.40	19,986	13.70	20,835	10.90	19,681
February	11.90	12,643	12.70	13,342	10.10	16,073
March	11.50	15,860	12.70	13,748	10.10	18,776
April	11.60	15,220	13.10	13,167	10.10	18,353
May	11.60	14,227	12.80	11,800	10.20	16,874
June	11.80	11,128	13.10	9,066	10.20	15,444
July			13.70	9,465	10.80	14,096
Average to date	11.99	1/				
Season-average farm price	12.10		12.90		10.40	
Average marketings		13,240		12,972		15,578
Total volume marketed		145,643		155,665		186,935

Cwt = hundredweight. 1/ Weighted average.

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

Last updated August 12, 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	3,101	10.60	8,505	19.50	1,428	14.90	1,785
September	11.40	6,650	11.00	8,508	17.90	1,404	13.60	1,967
October	10.90	11,374	11.00	10,147	15.60	3,111	16.20	3,899
November	10.90	9,455	11.20	9,372	15.40	3,778	18.40	4,524
December	10.70	12,144	11.40	11,431	15.40	4,134	17.30	4,104
January	10.90	13,855	11.60	13,668	15.70	6,131	17.70	7,167
February	10.80	10,140	11.70	10,077	16.30	2,503	16.00	3,265
March	10.60	13,212	11.70	11,028	15.80	2,648	16.60	2,720
April	10.50	12,115	11.80	10,053	16.00	3,105	17.40	3,114
May	10.40	11,775	11.80	9,695	17.30	2,422	17.50	2,105
June	10.70	9,114	11.90	7,044	16.50	2,012	17.30	2,022
July			11.80	6,572			18.10	2,893
Average to date 1/ Season-average farm price	10.78				16.13			
Average marketings	10.80		11.50		16.30		17.00	
Total volume marketed		10,267		9,675		2,971		3,297
		112,935		116,100		32,676		39,565

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 August 12, 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	19.80	August	14.00	11.00
November	17.40	20.40	September	12.70	10.80
December	17.50	20.00	October	11.70	11.00
January	16.80	20.40	November	11.80	11.10
February	18.20	19.90	December	12.00	11.30
March	18.30	20.00	January	12.30	11.50
April	18.70	20.00	February	12.30	12.30
May	19.20	19.80	March	12.30	11.80
June	18.90	20.10	April	12.30	12.30
July		20.00	May	12.60	11.90
August		20.40	June	12.70	12.50
September		20.00	July		12.50
Simple average to date	18.03			12.43	
Market-year average	18.00 3/	20.10		12.20 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 August 12, 2019.

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

Month	2019/20		2018/19		2017/18	
	Long-grain	Medium/ short-grain	Long-grain	Medium/ short-grain	Long-grain	Medium/ short-grain
	\$/cwt					
August 2/	9.23	9.46	9.84	10.03	9.61	9.96
September			9.37	9.55	9.72	10.07
October			9.22	9.40	9.73	10.08
November			9.10	9.27	9.75	10.10
December			9.07	9.24	9.86	10.22
January			8.69	8.86	10.39	10.77
February			8.33	8.81	10.45	10.79
March			8.32	8.91	10.28	10.63
April			8.36	8.95	10.70	11.06
May			8.40	9.00	11.16	11.54
June			8.11	8.68	10.95	11.32
July			8.24	8.82	10.46	10.81
Market-year average 2/	9.23	9.46	8.75	9.13	10.26	10.61

Cwt = hundredweight. 1/ Simple average of the U.S. Department of Agriculture's weekly adjusted world market price.

2/ 2019/20 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 August 12, 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 June	2018/19 through June
	1,000 tons								
ASIA	541.5	624.8	647.1	703.1	676.8	692.7	794.8	731.4	766.1
China	3.6	2.7	3.2	4.8	3.9	4.0	34.1	33.9	66.1
India	110.5	129.3	138.8	128.7	166.6	150.0	183.3	167.9	174.2
Pakistan	15.2	17.7	26.6	25.2	27.6	21.0	21.9	20.1	20.8
Thailand	387.6	393.8	428.6	472.2	437.3	482.3	529.3	485.9	484.6
Vietnam	21.7	77.8	45.4	67.5	35.6	29.0	19.6	17.6	14.0
Other	2.8	3.6	4.5	4.9	5.7	6.4	6.6	5.9	6.4
EUROPE & FORMER SOVIET UNION	14.3	12.0	12.0	14.5	16.3	17.7	17.1	15.4	14.7
Italy	5.2	7.5	8.2	9.0	9.5	11.7	11.7	10.7	8.6
Spain	4.7	2.3	1.2	1.8	2.1	1.7	4.1	3.5	4.8
Russia	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
United Kingdom	0.0	0.1	0.5	2.3	3.2	2.8	0.4	0.4	0.0
Other	4.3	2.1	2.0	1.4	1.5	1.5	0.9	0.8	1.1
WESTERN HEMISPHERE	64.5	35.9	41.0	47.1	76.6	36.3	63.5	60.2	70.0
Argentina	3.4	5.5	4.0	5.4	5.9	4.9	5.2	4.7	6.0
Brazil	30.5	5.0	14.4	16.5	51.8	15.2	39.0	38.3	41.6
Canada	16.3	12.1	13.8	11.5	10.5	11.8	16.2	14.4	16.0
Mexico	1.1	1.0	1.2	1.2	2.0	2.0	1.8	1.7	1.0
Uruguay	13.2	12.3	5.3	6.2	3.2	0.9	1.0	0.8	4.4
Other	0.0	0.1	2.3	6.3	3.2	1.5	0.4	0.3	1.1
OTHER	1.0	1.9	40.3	24.7	3.0	3.8	4.3	3.0	3.7
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	1.2	0.6
Australia	0.0	0.4	37.4	23.1	1.0	0.6	2.3	1.2	2.4
Other	0.4	0.4	1.9	0.6	0.0	0.6	0.7	0.0	0.6
TOTAL	621.2	674.6	740.4	789.4	772.7	750.5	879.7	810.0	854.5

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 August 12, 2019.

Table 8--U.S. commercial rice exports

Country or region	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/	2018/19 market year 1/
	1,000 tons							
EUROPE & FSU	61.3	41.7	38.1	30.2	22.2	14.0	27.8	39.6
European Union	52.2	37.7	30.6	26.8	18.6	11.0	24.8	36.3
Other Europe	5.5	1.1	2.9	2.3	2.5	2.0	2.1	1.7
Former Soviet Union (FSU)	3.6	2.9	4.6	1.1	1.1	1.0	0.9	1.6
NORTHEAST ASIA	592.3	561.4	474.6	464.1	608.3	690.3	451.4	531.6
Hong Kong	2.6	6.2	6.2	0.3	1.1	13.2	9.6	6.8
Japan	375.5	347.6	364.2	307.7	429.6	428.8	322.5	336.5
South Korea	148.6	145.1	72.1	123.5	132.6	220.8	88.3	166.3
Taiwan	65.6	62.5	32.1	32.6	45.0	27.5	31.0	22.0
OTHER ASIA, OCEANIA, & THE MIDDLE EAST	499.9	463.6	605.8	468.7	487.2	468.4	281.0	378.4
Australia	10.0	9.1	10.4	6.5	5.5	5.4	5.0	2.9
Iran	4.9	125.7	0.0	0.0	61.4	0.0	0.0	0.0
Iraq	0.0	0.0	132.5	123.5	155.4	31.6	96.4	155.5
Israel	22.4	16.9	19.2	9.3	13.7	15.2	7.4	14.7
Jordan	93.2	71.2	88.7	71.9	82.2	98.5	61.1	62.9
Micronesia	6.2	5.5	2.0	2.0	1.1	1.7	0.4	0.3
New Zealand	3.0	3.0	3.8	2.1	2.4	3.1	3.1	3.4
Papua New Guinea	0.0	0.0	0.0	12.4	20.9	2.0	0.0	0.0
Saudi Arabia	107.1	122.8	90.9	111.7	97.0	141.0	91.6	110.2
Singapore	5.8	6.6	7.5	3.8	3.3	4.5	2.7	2.1
Syria	21.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0
Turkey	189.8	75.4	219.5	106.9	22.4	130.0	0.6	2.1
Rest of Asia, Oceania, and Middle East	35.6	27.4	30.3	18.6	21.9	35.4	12.7	24.3
AFRICA	179.6	249.1	110.8	128.0	91.4	147.9	54.1	61.7
Algeria	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
Ghana	94.0	112.1	41.7	29.8	0.0	4.2	6.8	6.4
Guinea-Conakry	11.0	4.4	3.6	4.1	3.1	3.4	1.3	1.8
Liberia	26.7	15.5	6.3	0.5	1.8	4.4	7.7	9.6
Libya	24.8	89.5	47.8	93.2	86.2	85.1	38.1	43.9
Nigeria	6.1	18.4	0.0	0.0	0.0	0.0	0.0	0.0
Senegal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
South Africa	0.5	0.9	0.8	0.1	0.2	0.2	0.2	0.1
Togo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Africa	16.5	8.3	10.6	0.4	0.1	47.6	0.0	0.0
WESTERN HEMISPHERE	1,785.0	2,110.9	1,811.2	2,176.0	2,150.6	2,198.1	2,003.4	2,066.9
Bahamas	6.3	6.3	6.0	6.1	4.9	4.0	4.5	4.9
Brazil	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Canada	147.7	145.8	138.6	139.3	151.1	125.1	122.9	137.6
Colombia	0.1	150.1	138.9	285.3	159.2	104.5	144.4	150.5
Costa Rica	58.1	75.3	63.1	91.3	79.4	58.8	66.9	76.6
Dominican Republic	8.9	1.7	7.9	6.5	15.0	36.6	15.5	20.9
El Salvador	76.5	83.8	70.1	76.4	89.6	67.4	71.1	70.1
Guatemala	81.4	77.6	81.5	75.3	113.1	118.6	105.4	103.0
Haiti	233.4	342.0	323.9	362.1	403.0	423.7	421.0	418.3
Honduras	140.0	122.4	142.4	132.0	151.8	152.2	161.5	160.1
Jamaica	11.6	1.2	1.2	1.2	1.2	0.0	0.7	0.5
Leeward & Windward Islands	10.2	2.9	1.6	0.5	0.7	0.7	0.8	0.9
Mexico	803.7	749.5	690.7	716.7	618.7	709.3	695.9	759.1
Netherlands Antilles	4.7	4.7	4.6	4.3	4.1	2.9	2.9	2.9
Nicaragua	40.6	39.9	10.3	2.0	0.0	6.1	10.0	74.9
Panama	59.7	39.3	24.1	45.8	67.8	65.5	40.6	53.8
Venezuela	94.1	262.5	98.9	223.9	287.7	318.9	137.6	31.8
Other Western Hemisphere	7.9	5.8	7.3	7.2	3.3	3.8	1.7	1.0
UNKNOWN	0.0	0.0	0.0	21.9	0.0	0.0	0.0	0.0
TOTAL	3,118.0	3,426.7	3,040.7	3,267.0	3,359.6	3,519.6	2,817.7	3,078.3

1/ Total August-July marketing year commercial shipments.

Source: U.S. Export Sales, USDA, Foreign Agricultural Service.

Last updated August 12, 2019.

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

Month or market-year 1/	United States			Thailand 5/				Vietnam 7/
	Southern long-grain	Southern long-grain	California medium-grain	100%	5%	15%	A.1 6/	5%
	milled 2/	rough 3/	milled 4/	Grade B	Parboiled	Brokens	Super	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	550	294	810	392	387	375	NQ	413
Dec. 2018	550	300	800	393	385	376	NQ	396
Jan. 2019	543	275	900	403	392	386	NQ	359
Feb. 2019	521	274	900	394	391	377	NQ	344
Mar. 2019	525	283	900	392	383	375	NQ	349
Apr. 2019	514	273	882	405	396	389	NQ	362
May. 2019	515	285	848	400	391	383	NQ	373
June 2019	512	290	825	405	396	389	NQ	375
July 2019 8/	508	297	825	405	396	388	NQ	377
2018/19 8/	534	285	866	399	390	382	NQ	379
Aug. 2019 9/	510	290	825	417	409	400	NQ	350
2019/20 9/	510	290	825	417	409	400	NQ	350

NQ = No quotes. 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. August 2019 price reflects new crop price. 8/ Revised.

9/ Preliminary. For Vietnam, the 2019/20 August price reflects the new crop price.

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 August 12, 2019.

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

Country	2017/18	2018/19 2/				2019/20 2/			
		July 2019	August 2019	Monthly revisions	Annual changes	July 2019	August 2019	Monthly revisions	Annual changes
		1,000 metric tons							
Afghanistan	328	342	342	0	14	330	330	0	-12
Argentina	889	780	780	0	-109	780	780	0	0
Australia	457	43	43	0	-414	75	75	0	32
Bangladesh	32,650	35,000	35,000	0	2,350	35,300	35,300	0	300
Brazil	8,204	7,310	7,310	0	-894	7,208	7,208	0	-102
Burma	13,200	13,175	13,175	0	-25	13,300	13,300	0	125
Cambodia	5,554	5,633	5,633	0	79	5,688	5,688	0	55
China	148,873	148,490	148,490	0	-383	146,000	146,000	0	-2,490
Colombia	1,780	1,640	1,640	0	-140	1,640	1,640	0	0
Cote d'Ivoire	1,377	1,304	1,304	0	-73	1,400	1,400	0	96
Cuba	263	325	325	0	62	280	280	0	-45
Dominican Republic	590	570	570	0	-20	560	560	0	-10
Ecuador	882	925	925	0	43	870	870	0	-55
Egypt	4,300	2,800	2,800	0	-1,500	3,050	3,050	0	250
European Union	2,007	1,981	1,941	-40	-66	2,042	2,008	-34	67
Ghana	432	453	453	0	21	470	470	0	17
Guinea	1,451	1,500	1,500	0	49	1,544	1,544	0	44
Guyana	630	627	627	0	-3	715	715	0	88
India	112,760	115,630	115,630	0	2,870	115,000	115,000	0	-630
Indonesia	37,000	37,100	36,700	-400	-300	37,400	37,400	0	700
Iran	2,013	1,993	1,993	0	-20	1,993	1,993	0	0
Iraq	210	20	20	0	-190	40	300	260	280
Japan	7,787	7,650	7,650	0	-137	7,700	7,700	0	50
Korea, North	1,573	1,360	1,360	0	-213	1,360	1,360	0	0
Korea, South	3,972	3,868	3,868	0	-104	3,880	3,880	0	12
Laos	2,000	1,680	1,680	0	-320	2,050	2,050	0	370
Liberia	156	166	166	0	10	158	158	0	-8
Madagascar	1,984	2,560	2,560	0	576	2,688	2,688	0	128
Malaysia	1,820	1,825	1,825	0	5	1,825	1,825	0	0
Mali	1,760	2,059	2,059	0	299	1,950	1,950	0	-109
Mexico	183	190	190	0	7	200	200	0	10
Mozambique	260	268	268	0	8	260	260	0	-8
Nepal	3,310	3,530	3,730	200	420	3,530	3,530	0	-200
Nigeria	4,662	4,788	4,788	0	126	4,900	4,900	0	112
Pakistan	7,500	7,400	7,400	0	-100	7,500	7,500	0	100
Paraguay	653	737	737	0	84	703	703	0	-34
Peru	2,097	2,150	2,150	0	53	2,200	2,200	0	50
Philippines	12,235	11,800	11,800	0	-435	12,200	12,200	0	400
Russia	642	675	675	0	33	690	700	10	25
Sierra Leone	882	737	737	0	-145	800	800	0	63
Sri Lanka	2,248	2,960	2,960	0	712	2,890	2,890	0	-70
Taiwan	1,362	1,181	1,181	0	-181	1,136	1,136	0	-45
Tanzania	2,046	2,046	2,046	0	0	2,046	2,046	0	0
Thailand	20,577	20,550	20,550	0	-27	20,900	20,500	-400	-50
Turkey	520	610	610	0	90	600	610	10	0
Uganda	170	159	159	0	-11	159	159	0	0
United States	5,659	7,119	7,119	0	1,460	6,627	6,522	-105	-597
Uruguay	869	832	832	0	-37	840	840	0	8
Venezuela	275	170	170	0	-105	128	128	0	-42
Vietnam	27,657	27,711	27,923	212	266	28,000	28,300	300	377
Subtotal	490,709	494,422	494,394	(28)	3,685	493,605	493,646	41	-748
Others	4,150	4,229	4,229	0	79	4,212	4,212	0	-17
World total	494,859	498,651	498,623	-28	3,764	497,817	497,858	41	-765

-- 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 August 12, 2019.

Table 11--Global rice exporters: Calendar year exports, monthly revisions, and annual changes

Country	2019 1/					2020 1/			
	2018	July 2019	August 2019	Monthly revisions	Annual changes	July 2019	August 2019	Monthly revisions	Annual changes
	1,000 metric tons (milled basis)								
Argentina	291	340	340	0	49	300	300	0	-40
Australia	262	120	120	0	-142	20	20	0	-100
Brazil	1,245	800	800	0	-445	650	650	0	-150
Burma	2,750	2,800	2,800	0	50	2,600	2,600	0	-200
Cambodia	1,300	1,300	1,300	0	0	1,300	1,300	0	0
China	2,058	3,000	3,000	0	942	3,500	3,500	0	500
Cote d'Ivoire	80	100	100	0	20	100	100	0	0
Egypt	50	20	20	0	-30	10	10	0	-10
European Union	308	300	300	0	-8	300	300	0	0
Guinea	80	100	100	0	20	100	100	0	0
Guyana	414	500	500	0	86	510	510	0	10
India	11,791	12,000	11,800	-200	9	12,000	12,000	0	200
Japan	55	58	58	0	3	60	60	0	2
Kazakhstan	65	70	70	0	5	60	60	0	-10
Mexico	109	90	35	-55	-74	100	20	-80	-15
Pakistan	3,913	4,100	4,100	0	187	4,000	4,000	0	-100
Paraguay	650	650	650	0	0	600	600	0	-50
Peru	80	80	80	0	0	80	80	0	0
Russia	139	150	150	0	11	140	140	0	-10
Senegal	10	10	10	0	0	10	10	0	0
South Africa	113	125	115	-10	2	125	125	0	10
Surinam	95	100	100	0	5	100	100	0	0
Tanzania	40	30	30	0	-10	30	30	0	0
Thailand	11,056	9,200	9,000	-200	-2,056	9,700	9,500	-200	500
Turkey	45	25	25	0	-20	25	25	0	0
Uganda	40	40	40	0	0	30	30	0	-10
United States	2,780	3,000	3,000	0	220	3,175	3,175	0	175
Uruguay	799	800	800	0	1	800	800	0	0
Venezuela	20	0	0	0	-20	0	0	0	0
Vietnam	6,590	6,500	6,500	0	-90	6,500	6,500	0	0
Subtotal	47,228	46,408	45,943	(465)	(1,285)	46,925	46,645	-280	702
Other	325	348	353	5	28	270	276	6	-77
World total	47,553	46,756	46,296	-460	-1,257	47,195	46,921	-274	625
U.S. Share	5.8%	6.4%	6.5%	--	--	6.7%	6.8%	--	--

-- 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 August 12, 2019.

Table 12--Global rice importers: Calendar year imports, monthly revisions, and annual changes

Country	2018	2019 1/				2020 1/			
		July 2019	August 2019	Monthly revisions	Annual changes	July 2019	August 2019	Monthly revisions	Annual changes
	1,000 tons (milled basis)								
Afghanistan	286	320	320	0	34	360	360	0	40
Australia	167	200	200	0	33	250	250	0	50
Bangladesh	1,400	300	300	0	-1,100	50	50	0	-250
Brazil	537	700	700	0	163	850	850	0	150
Cameroon	650	700	700	0	50	725	725	0	25
Canada	383	380	400	20	17	385	400	15	0
China	4,500	3,400	3,250	-150	-1,250	3,400	3,300	-100	50
Colombia	145	150	150	0	5	160	160	0	10
Costa Rica	137	160	160	0	23	160	160	0	0
Cote d'Ivoire	1,500	1,600	1,600	0	100	1,600	1,600	0	0
Cuba	499	500	500	0	1	500	500	0	0
Egypt	230	800	800	0	570	600	600	0	-200
European Union	1,922	2,000	2,100	100	178	2,000	2,050	50	-50
Ghana	830	800	800	0	-30	800	800	0	0
Guinea	865	850	850	0	-15	900	900	0	50
Haiti	428	480	480	0	52	500	500	0	20
Honduras	137	150	150	0	13	155	155	0	5
Hong Kong	326	345	345	0	19	350	350	0	5
Indonesia	2,350	400	400	0	-1,950	500	500	0	100
Iran	1,250	1,200	1,200	0	-50	1,150	1,150	0	-50
Iraq	1,200	1,300	1,200	-100	0	1,350	1,150	-200	-50
Japan	670	685	685	0	15	685	685	0	0
Jordan	190	200	200	0	10	205	205	0	5
Kenya	700	750	750	0	50	800	800	0	50
Korea, North	44	100	100	0	56	60	60	0	-40
Korea, South	386	410	410	0	24	410	410	0	0
Liberia	350	380	380	0	30	400	400	0	20
Libya	175	160	160	0	-15	160	160	0	0
Madagascar	387	400	400	0	13	400	400	0	0
Malaysia	800	1,000	1,000	0	200	1,000	1,000	0	0
Mexico	776	815	780	-35	4	785	785	0	5
Mozambique	550	675	675	0	125	700	700	0	25
Nicaragua	91	85	85	0	-6	87	87	0	2
Niger	350	360	360	0	10	380	380	0	20
Nigeria	2,100	2,100	2,100	0	0	2,200	2,200	0	100
Philippines	2,500	3,100	3,100	0	600	2,700	2,700	0	-400
Russia	218	230	230	0	12	230	230	0	0
Saudi Arabia	1,290	1,350	1,350	0	60	1,375	1,375	0	25
Senegal	1,100	1,200	1,200	0	100	1,300	1,300	0	100
Sierra Leone	350	450	450	0	100	450	450	0	0
Singapore	287	330	330	0	43	300	300	0	-30
South Africa	1,071	1,100	1,000	-100	-71	1,050	1,050	0	50
Sri Lanka	249	50	50	0	-199	50	50	0	0
Syria	170	170	170	0	0	180	180	0	10
Taiwan	98	120	120	0	22	120	120	0	0
Thailand	250	250	250	0	0	250	250	0	0
Turkey	260	180	180	0	-80	210	210	0	30
United Arab Emirates	775	850	850	0	75	925	925	0	75
United States	916	925	925	0	9	925	925	0	0
Venezuela	632	530	475	-55	-157	530	450	-80	-25
Vietnam	500	400	400	0	-100	400	400	0	0
Yemen	520	460	460	0	-60	475	475	0	15
Subtotal	38,497	36,550	36,230	-320	-2,267	36,487	36,172	-315	-58
Other countries 2/	9,056	10,206	10,066	-140	1,010	10,708	10,749	41	683
World total	47,553	46,756	46,296	-460	-1,257	47,195	46,921	-274	625

Note: All trade data are reported on a calendar-year basis.

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 August 12, 2019.