



Rice Outlook

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U.S. 2018/19 Rice Export Forecast Lowered to 94.0 Million Cwt

In March, U.S. rice growers indicated they would plant 2.87 million acres in 2019/20, down almost 3 percent from a year earlier. While planting has begun in most parts of the South, progress is slightly behind last year, mostly due to abnormally heavy rainfall in late winter and early spring. There were no supply side changes to the U.S. 2018/19 rice balance sheet this month. On the use side, total exports were lowered 4.0 million cwt to 94.0 million cwt, largely based on pace to date. Medium- and short-grain accounted for most of the reduced export forecast. The reduced export forecast boosted ending stocks to 53.6 million cwt, the highest the mid-1980s. The California season-average farm price forecast was lowered, largely based on reported monthly cash prices through February.

In the global market, 2018/19 production is projected at a record 501.4 million tons (milled basis), down 0.2 million from the previous forecast. This month, production forecasts were lowered for Burma, Indonesia, Pakistan, and the Philippines, but raised for Ecuador, Paraguay, Peru, and Sri Lanka. Global consumption is projected at a record 492.4 million tons, 9.0 million tons less than production, with ending stocks of 171.4 million tons the highest on record. The 2019 calendar year global trade forecast was lowered 0.6 million tons to 47.3 million. Export forecasts were lowered for India and the United States. Import forecasts were lowered for Indonesia and Sri Lanka. Export price quotes for Thailand and Vietnam increased over the past month, while U.S. price quotes declined.

Domestic Outlook

U.S. 2019/20 Rice Plantings Indicated at 2.87 Million Acres

In March, U.S. growers indicated they would plant 2.87 million acres of rice in 2019/20, down almost 3 percent from a year earlier but around 200,000 acres higher than the 2019/20 planting forecast presented on February 22 at the USDA *Agricultural Outlook Forum*. By class, long-grain plantings are indicated at 2.15 million acres, down 2 percent from 2018/19 but around 250,000 acres above the February forecast. Almost all U.S. long-grain rice is grown in the South. Combined medium- and short-grain 2019/20 plantings are indicated at 0.72 million acres, down nearly 4 percent from a year earlier and more than 40,000 acres below the February forecast. California produces the majority of the U.S. medium- and short-grain rice crop.

The 76,000-acre year-to-year decrease in all rice plantings is largely due to declining rice prices in 2018/19 and expectations of the largest carryout since the 1985/86 record of 77.3 million hundredweight (cwt). The area decline in the South, especially in the Delta, was limited by recent drops in prices for alternative crops, primarily soybeans and, to a lesser degree, corn.

Growers indicated weaker rice plantings in 2019/20 in Arkansas, California, and Louisiana, but larger area in Mississippi, Missouri, and Texas. Louisiana growers indicated a 9-percent drop in area to 400,000 acres. Both long-grain and medium-grain plantings in Louisiana were indicated lower. In California, growers indicated 2019/20 plantings at 485,000 acres, 4 percent below a year earlier. California has received above-normal rainfall this spring, with water levels in Lake Shasta and Lake Oroville more than 100 percent of historic capacity and the statewide snowpack well above normal. Medium-grain accounts for the bulk of California's rice area and all of the State's intended area decline. Arkansas growers indicated 2019/20 rice plantings at 1.4 million acres, down 3 percent from 2018/19, with long-grain accounting for all of the decline. At 200,000 acres, Arkansas' medium-grain plantings are indicated to be up 5 percent from 2018/19.

In contrast, growers in Texas indicated a 5-percent expansion in rice plantings to 205,000 acres in 2019/20, the highest since 2004/05. Long-grain accounts for all of the intended rice area expansion in Texas and the bulk of the State's rice area. Mississippi growers indicated 2019/20 rice plantings at 150,000 acres, 7 percent above a year earlier. Long-grain accounts for all of the State's rice production. Finally, growers in Missouri indicated a 2-percent area expansion to 229,000 acres. Long-grain accounts for the bulk of Missouri's rice production and all of the intended increase. The National Agricultural Statistics Service (NASS) reported planting intentions were based on a survey of growers conducted during the first two weeks of March. The first survey of actual plantings will be conducted in June, and the results will be reported in the NASS *Acreage* report to be released on June 28.

Through April 7, progress of the 2019/20 U.S. rice crop was slightly behind both a year earlier and the U.S. 5-year average. The slower pace in 2019/20 is largely due to abnormally heavy rainfall in much of the South in February and March that delayed and hampered fieldwork. Recent drier weather in parts of the southern rice area has allowed growers to rapidly pick up the planting pace, although rain has continued in other areas. For the week ending April 7, 19 percent of the U.S. rice crop was reported planted, 1 percentage point behind last year and 2 percentage points behind the U.S. 5-year average. On the Gulf Coast, 70 percent of the 2019/20 Louisiana rice crop was reported planted by April 7, down from 74 percent a year earlier but 4 percentage points above the State's 5-year average. In nearby Texas, just 38 percent of the crop was reported planted by April 7, well below 64 percent last year and behind the Texas 5-year average of 49 percent.

Farther north, Arkansas' 2019/20 rice crop was reported 11 percent planted by April 7, up from 9 percent a year ago but below the State's 5-year average of 15 percent. In nearby Missouri, 5 percent of the 2019/20 rice crop was reported planted by April 7, 1 percentage point ahead of the State's 5-year average and well ahead of a year-earlier's rain-delayed plantings. Finally, 14 percent of Mississippi's 2019/20 rice crop was reported planted by April 7, ahead of just 8 percent last year but below the State's 5-year average of 13 percent. Planting will not begin in California until next month.

Similar to planting, emergence was slightly behind last year and the U.S. 5-year average. For the week ending April 7, seven percent of the U.S. crop had emerged, 3 percentage points behind last year and 1 percentage point behind the U.S. 5-year average. In Louisiana, 40 percent of the 2019/20 rice crop had emerged by April 7, down from 47 percent a year ago but well ahead of the State's 5-year average. By April 7, just 9 percent of the Texas crop had emerged, well behind both 40 percent last year and the Texas 5-year average of 23 percent. In Mississippi, 3 percent of the 2019/20 rice crop had emerged by April 7, 1 percentage point behind last year but 1 percentage point ahead of the State's 5-year average.

U.S. 2018/19 Rice Imports Forecasted Record High

There were no supply side revisions this month to the 2018/19 U.S. rice balance sheet. The 2018/19 U.S. rice crop remains estimated at 224.2 million cwt, up 26 percent from a year earlier. The substantial increase in production is largely due to a 23-percent expansion in harvested area to 2.92 million acres. The average yield of 7,692 pounds per acre is up 2 percent from a year earlier and just 2 pounds below the 2013/14 record.

By class, the 2018/19 U.S. long-grain crop remains estimated at 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. The 2018/19 U.S. long-grain yield remains estimated at 7,517 pounds per acre, up 3 percent from a year earlier and the highest on record. The 2018/19 U.S. medium- and short-grain crop remains estimated at 60.3 million cwt, nearly 20 percent larger than a year earlier and 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. 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.

U.S. 2018/09 rice imports are projected at a record 29.0 million cwt, up 8 percent from a year earlier. Through January 2019, the United States had imported a total of 466,867 tons of rice, up 10 percent from a year earlier. 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. At 5.5 million cwt, 2018/19 U.S. medium- and short-grain imports are forecast to be 55 percent higher than a year earlier and are the highest since the 2007/08 near-record of 6.2 million cwt.

While aromatic varieties from South and Southeast Asia continue to account for the majority of U.S. rice imports, much of the increase in U.S. rice imports in 2018/19 is accounted for by Puerto Rico's purchases from China, all medium- and short-grain rice, and increased U.S. purchase of rice from Brazil. Through January 2019, China had shipped 42,000 tons of rice to Puerto Rico, well above about 8,000 tons currently reported shipped to Puerto Rico 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—with an average price of \$343 per ton in 2018/19—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 charges much higher freight rates than vessels

from most developing countries. China's long-term role as a supplier of rice to Puerto Rico is still to be seen.

In addition to the increased purchases from China, purchases from Brazil are higher in 2018/19 as well. Through January 2019, the U.S. had imported 36,501 tons of rice from Brazil, up 90 percent from a year earlier. In 2018/19, almost 31,000 tons of the imported rice from Brazil was broken kernels shipped to San Francisco. All broken kernels are classified as long grain. In 2017/18, most of the rice imported by the U.S. from Brazil was long-grain milled rice, with shipments to Puerto Rico accounting for 43 percent of the total U.S. market-year imports from Brazil. Through January 2019, Puerto Rico has not imported rice from Brazil.

In contrast to imports from China and Brazil, purchases from top supplier Thailand and from Vietnam are below a year earlier. Through January 2019, U.S. rice imports from Thailand totaled 245,876 tons, down 6 percent from a year earlier. Most of this rice was its premium jasmine rice, an aromatic. Much of the rest was glutinous rice classified as medium- and short-grain. Vietnam had exported 8,125 tons to the U.S. through January 2019, down 20 percent from a year earlier. In both years, long-grain milled rice was the dominant type of rice the U.S. purchased from Vietnam, although some broken kernels were purchased as well. At 94,554 tons, purchases from India—mostly basmati rice—were up 3 percent from a year earlier. Pakistan's shipments of rice, also nearly all basmati, were 8,915 tons, nearly unchanged from a year earlier.

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 broken kernels, included in the total stocks estimate, are not classified by class.

Total 2018/19 U.S. rice supply remains forecast at 282.6 million cwt, up 12 percent from a year earlier, a result of a larger crop. Long-grain total supply remains forecast at 207.8 million cwt, 14 percent above a year earlier. Medium- and short-grain total supplies remain forecast at 73.4 million cwt, 9 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 Lowered 4.0 Million Cwt

This month, the 2018/19 total U.S. rice export forecast was lowered 4.0 million cwt to 94.0 million cwt, just 8 percent above a year earlier, despite substantially larger supplies. The downward export revision was based on Census trade data through January, shipment and sales data through March 28 reported in the weekly *U.S. Export Sales* report, and expectations regarding shipments and sales the remainder of the market year. On an annual basis, the 8-percent increase in exports is largely based on larger supplies and more competitive prices. In recent years, the U.S. has lost market share in its critical Latin American market to lower priced shipments from South American exporters. Through January 2019, Census trade data indicated U.S. rice exports at 42.9 million tons (rough basis), virtually unchanged from a year earlier. This implies that the pace of U.S. exports the remaining 6 months of the 2018/19 market year needs to substantially increase to meet the 94.0 million cwt forecast.

Long-grain exports are projected at 67.0 million cwt, down 1.0 million from the previous forecast but 6 percent above a year earlier. The slight downward revision was largely based on slower than expected sales and shipments to Venezuela more than offsetting stronger shipments to Iraq, Mexico, Colombia, and Central America. Through March 28, *U.S. Export Sales* reported just 13,500 tons of rice shipped to Venezuela compared 137,600 tons a year earlier. U.S. sales and shipments to Haiti were slightly below a year earlier through late March, likely due to large-scale protests in Port-au-Prince that have

blocked roads, burned vehicles, and destroyed buildings. Haiti is the largest market for U.S. long-grain milled rice. The stronger sales to Mexico and Central America are likely due to more competitive prices compared with South American exporters who had taken some of the U.S. market share in the region in recent years. U.S. rice was competitively priced in the Iraqi tenders as well. The growth in U.S. sales to Colombia is largely attributed to the effect of the Colombia-U.S. Trade Promotion Agreement.

U.S. medium- and short-grain exports are projected at 27.0 million cwt, down 3.0 million cwt from the previous forecast but 14 percent above the year-earlier abnormally low level. The substantial downward revision this month was based on virtually no growth in sales and shipments to the Middle East and North Africa in 2018/19, despite Egypt's being nearly out of the global export market and Australia's exports down sharply. Both contractions are due to tight supplies stemming from small crops. Early in the market year, the U.S. was expected to pick up sales to markets typically supplied by Egypt and Australia. However, China and Russia have largely acquired these markets, with China also shipping rice to Egypt, now a large regional importer. U.S. sales to Turkey have been extremely small this year and are unlikely to grow. Total U.S. sales and shipments to Northeast Asia—the largest market for U.S. medium- and short-grain rice—were about 10 percent ahead of a year earlier through March 28, with South Korea accounting for most of the growth. Taiwan's were purchases were behind the year earlier pace. All of these sales to Northeast Asia were made as part of each country's WTO import commitments. This market is typically quit stable; these importers rarely, if ever, purchase above their WTO requirements.

U.S. rough rice exports in 2018/19 remain projected at 33.0 million cwt, 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 and Central America, due to more competitive prices. The U.S. has already increased sales in these two markets. The only medium- and short-grain rough rice markets this year are Libya and Mexico, with Mexico's purchases typically small. Libya's purchases can vary substantially. Libya is typically supplied by Egypt. To date, U.S. shipments and sales to Libya are around 30,000 tons, nearly unchanged from a year ago. Turkey had been a historically strong market for U.S. medium- and short-grain rough rice.

U.S. milled rice exports (combined milled and brown rice exports on a rough basis) in 2018/19 are projected at 61.0 million cwt, 4.0 million cwt below the previous forecast but 4 percent above the year-earlier abnormally low level. Latin America (primarily Haiti) and Northeast Asia are expected to import more U.S. milled-rice in 2018/19. Haiti is expected to remain the largest market for U.S. long-grain milled rice, with sales and shipments expected to resume their previous pace when protests cease. U.S. long-grain milled rice sales to the Middle East—primarily Iraq and Saudi Arabia—are expected to increase in 2018/19 as well, a result of larger U.S. supplies and lower U.S. prices.

Total domestic and residual use of rice in 2018/19 remains projected at 135.0 million cwt, nearly unchanged from a year earlier. However, there was a 1.0-million cwt shift by class of rice based on implied use derived from the NASS March *Rice Stocks* report. Long-grain domestic and residual use is projected at 106.0 million cwt, up 1.0 million cwt from the previous forecast and nearly 8 percent larger than the 2017/18 level. In contrast, the medium- and short-grain domestic and residual use was lowered 1.0 million cwt to 29.0 million cwt, 20 percent below a year earlier.

Total use of U.S. rice in 2018/19 is forecast at 229.0 million cwt, down 4.0 million cwt from the previous forecast but 3 percent higher than a year earlier. Long-grain total use remains forecast at 173.0 million cwt, 7 percent larger than a year earlier. Combined medium- and short-grain total use is forecast at 56.0 million cwt, down 4.0 million cwt from the previous forecast and 6.5 percent below a year earlier.

Based on data reported by NASS in *Rice Stocks*, March 1, 2019, U.S. rice stocks are estimated at 109.8 million cwt, up 20 percent from a year earlier. By class, long-grain March 1 rice stocks are

estimated at 73.9 million cwt, up 22.5 percent from a year earlier. Combined medium- and short-grain stocks are estimated at 33.9 million cwt, up 23 percent from a year ago. Stocks of brokens, not classified by length of grain, are estimated at 2.0 million cwt, down 41 percent from a year earlier.

Rice stocks on March 1 are estimated to be larger than a year earlier in all reported States, with Arkansas accounting for 50 percent of U.S. rice stocks but just 23 percent of the increase. At 54.5 million cwt, Arkansas' rice stocks are 8 percent larger than a year earlier. In nearby Missouri, March 1 rice stocks are estimated at 6.1 million cwt, 83 percent larger than a year earlier. Mississippi's March 1 rice stocks are estimated at 3.0 million cwt, an increase of 48 percent from a year earlier. On the Gulf Coast, Louisiana's March 1 rice stocks of 9.5 million cwt are 54 percent above a year earlier. In Texas, March 1 rice stocks are estimated at 6.3 million cwt, 17 percent larger than a year earlier. Finally, California's estimated rice stocks of 29.2 million cwt are 30 percent larger than on March 1, 2018.

U.S. Ending Stocks Projected To Increase 82 Percent in 2018/19

U.S. ending stocks of all rice in 2018/19 are projected at 53.6 million cwt, up 4.0 million cwt from the previous forecast and 24.2 million cwt larger than a year earlier. U.S. rice stocks in 2018/19 are the highest since the 1985/86 record of 77.3 million cwt. The substantial buildup in ending stocks in 2018/19, despite stronger total use, is mostly due to a 26-percent increase in production along with record imports. The 2018/19 stocks-to-use ratio is projected at 23.4 percent, well above the abnormally tight 13.3 percent in 2017/18.

Long-grain 2018/19 ending stocks remain projected at 34.8 million cwt, 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 remains 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 the remainder of the 2018/19 market year.

For medium- and short-grain rice, 2018/19 ending stocks are projected at 17.4 million cwt, up 4.0 million cwt from the previous forecast and 129 percent larger than the year-earlier abnormally low level. The medium- and short-grain stocks-to-use ratio is projected at 31.1 percent, up from just 12.8 percent in 2017/18.

California 2018/19 Season-Average Rough-Rice Price Lowered

The California season-average farm price (SAFP) range was reduced 40 cents on the low end and lowered 60 cents on the high end to \$17.40-18.20 per cwt. The mid-point of \$17.80 is down 50 cents from the previous forecast midpoint and \$2.30 below the 2017/18 SAFP. The substantial downward revision was based on monthly prices through January and expectations regarding prices the remainder of the market year. The simple average of the October-January reported California cash prices was \$17.44 per cwt. With weaker than expected export demand the remainder of market year—WTO sales are nearly completed and little, if any, growth is expected in the Middle East—prices are unlikely to rise enough to reach the previous forecast. The year-to-year decline in the California SAFP is primarily due to larger U.S. supplies, as well as to record medium- and short-grain exports from China.

The southern 2018/19 medium- and short-grain season-average farm price is projected at \$12.00-\$12.40 per cwt, with the range tightened 20 cents both ends. The mid-point remains \$12.20, up 50 cents from \$11.70 in 2017/18. The U.S. 2018/19 medium- and short-grain season-average farm price is projected at \$15.70-\$16.50 per cwt, a lowering of 40 cents on both ends of the forecast range. The mid-point was lowered 40 cents to \$16.10, compared with \$17.00 a year earlier. The all-rice 2018/19

season-average farm price range was raised 10 cents on the low end and lowered 30 cents on the high end to \$11.80-\$12.40. The mid-point was lowered 10 cents to \$12.10, down from \$12.90 in 2017/18.

The 2018/19 long-grain SAFR is projected at \$10.60-11.00 per cwt, a tightening of 20 cents on both the high and low ends of the forecast range. The mid-point of \$10.80 is unchanged from last month but down from \$11.50 a year earlier, a decline mostly due to larger supplies and a much higher expected carryout.

The February long-grain rough-rice cash price was reported at \$10.80 per cwt, down 10 cents from January. The southern medium- and short-grain rough rice price was reported at \$12.30 per cwt in February, unchanged from January. The bulk of this crop is grown in Arkansas. The California medium- and short-grain February price was reported at \$18.20 per cwt, up \$1.40 from January. The U.S. medium- and short-grain February rice was reported at \$16.30 per cwt, up 60 cents from January. Finally, the U.S. all-rice February cash price was reported at \$11.90 per cwt, down 50 cents from January.

International Outlook

Crop Forecasts for 2018/19 Lowered for Burma, Indonesia, Pakistan, and the Philippines; Raised for Sri Lanka

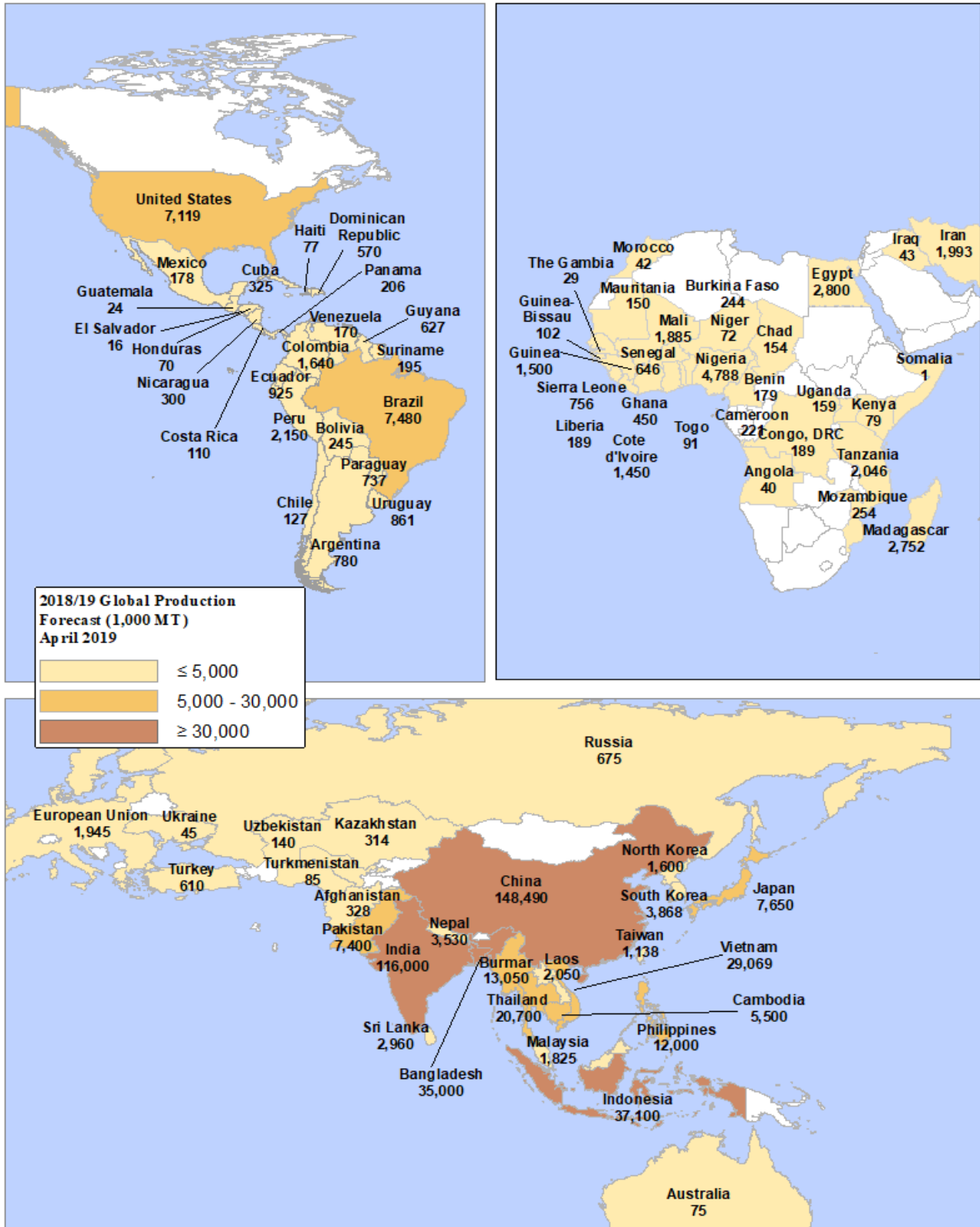
Global rice production in 2018/19 is projected at a record 501.4 million tons (milled basis), down 0.2 million tons from the previous forecast but 1 percent larger than a year earlier. The global production increase in 2018/19 is largely due to expanded area. Bangladesh, India, Madagascar, Nepal, Sri Lanka, Thailand, the United States, and Vietnam account for most of the 2018/19 global production increase. In contrast, production is expected to decline in 2018/19 in Argentina, Australia, Brazil, Burma, China, Colombia, Egypt, EU, Iraq, Japan, Pakistan, South Korea, and Uruguay.

There were nine downward revisions in 2018/19 production estimates this month, five in Asia, four in South America, and one in Europe. Three of the reductions were rather large, all in Asia. First, Indonesia's 2018/19 production forecast was lowered 0.2 million tons to 37.1 million tons, virtually unchanged from a year earlier. The smaller crop forecast is mostly due to a lower harvested area forecast. A slow start to the monsoon season last fall encouraged some farmers to switch land to corn, as corn prices were more attractive. Other farmers in Central Java switched land to more profitable horticultural crops. At 12.2 million hectares, total rice harvested area in Indonesia is 40,000 hectares below the previous forecast and 50,000 hectares below a year earlier. The main season harvest is occurring now. Indonesia is the third-largest rice producing country in the world. Second, the Philippines 2018/19 production forecast was lowered 150,000 tons to 12.0 million due to damage from Typhoon Mangkhut during the main growing season. The Philippines is a major rice importer.

Third, Pakistan's 2018/19 rice production forecast was lowered 0.14 million tons to 7.4 million tons, a result of a lower area estimate. Harvested area was lowered 0.1 million hectares to 2.88 million hectares. The revised area and yield estimates were provided by the Government of Pakistan. Despite this month's downward revisions, both area and production are the second highest on record. Pakistan is currently the fourth-largest rice exporter of rice, shipping both basmati rice and regular milled rice. Fourth, Burma's 2018/19 rice production forecast was lowered 70,000 tons to 13.05 million tons, a result of a reduced area estimate. At 7.05 million hectares, Burma's rice-harvested area is down 50,000 hectares from both the previous forecast and last year. Area was lost due to flooding during the main growing cycle. Like Pakistan, Burma is major rice exporter, currently ranking number 6.

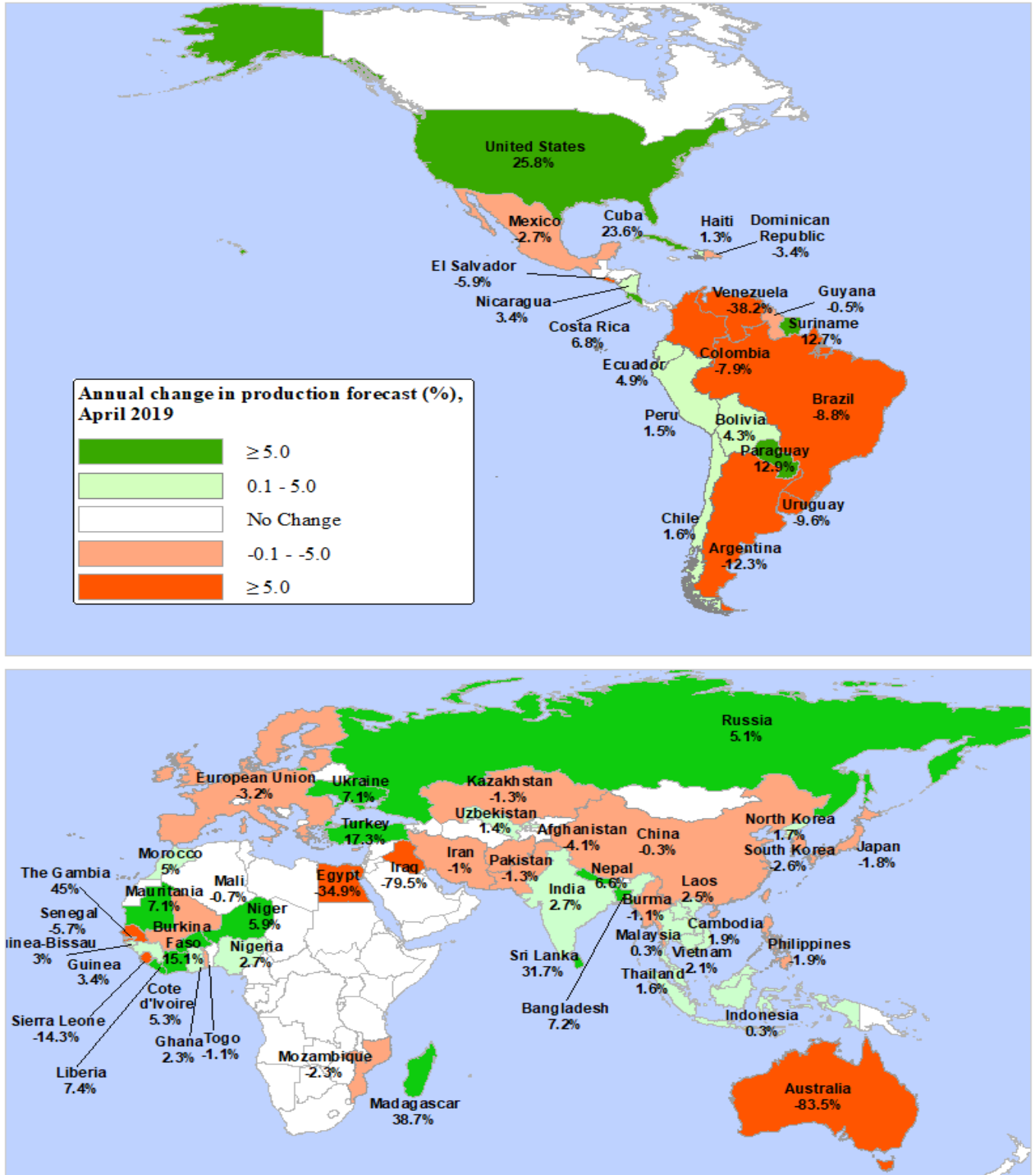
Fifth, Japan's 2018/19 production forecast was lowered 50,000 tons to 7.65 million tons due to a slightly lower area estimate reported by the Government of Japan. At 1.5 million hectares, rice harvested area in Japan is 10,000 hectares below the previous estimate and fractionally below a year earlier. Rice area in Japan has been on a long-term, Government-policy-encouraged decline since 1969/70, with current harvested area less than half the area harvested in 1969/70. Production and consumption have declined as well.

Map 1: April 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, April 2019



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

Sixth, Uruguay's 2018/19 production forecast was lowered 26,000 tons to 861,000 tons, a result of a lower yield. The reduced yield was caused by higher input costs and adverse weather—unfortunate timing of rain. Seventh, in nearby Argentina, the 2018/19 production forecast was lowered 13,000 tons to 780,000 tons, a result of a slightly lower area forecast. Argentina's 2018/19 harvested area estimate was lowered 3,000 hectares to 185,000 hectares, nearly 7 percent below a year earlier and the lowest since 2007/08. This is the fifth consecutive year of a rice-harvested area decline for Argentina, mostly due to more attractive planting options. Crops in Argentina and Uruguay are currently being harvested. Both countries are midlevel exporters.

Eighth, Guyana's 2018/19 rice production forecast was lowered 23,000 tons to 627,000 tons, a result of a 14,000-hectare reduction in the area forecast to 166,000 hectares. Guyana is a mid-level exporter shipping mostly in Latin America. Finally, the EU's 2018/19 production estimate was lowered 59,000 tons to 1.95 million tons due smaller reported crops in France, Italy, and Spain. Portugal's 2018/19 crop estimate was raised.

These crop reductions were partially offset by eight upward revisions, three in Asia, three in South America, one in the Caribbean, and one in the Former Soviet Union. First, the largest upward revision was for Sri Lanka. Sri Lanka's 2018/19 production forecast was raised 329,000 tons to 2.96 million tons due to a much higher area estimate. At 1.1 million hectares, Sri Lanka's rice-harvested area is up 200,000 hectares from the previous forecast and 43 percent above a year earlier. In both 2016/17 and 2017/18, Sri Lanka's rice crops were severely impacted by adverse weather, a combination of drought and flooding. The revisions were largely based on data reported by the Government of Sri Lanka showing a strong recovery in the 2018 yala crop harvested in late 2018. Total production in Sri Lanka in 2018/19 is the highest on record. Second, Afghanistan's 2018/19 rice production forecast was raised 26,000 tons to 526,000 tons due to a higher yield. Timely rains last fall and sufficient snowpack provided sufficient water for irrigation. Third, Malaysia's 2018/19 production forecast was raised 5,000 tons to 1.83 million based on a slight increase in area to 700,000 hectares. Both production and area in Malaysia are record high.

Fourth, Ecuador's 2018/19 production forecast was raised 85,000 tons to 925,000 tons due to higher area and yield estimates. At 330,000 hectares, Ecuador's rice-harvested area is up 20,000 hectares from the previous forecast and 1.5 percent above a year earlier, with flooding less a problem this year. Yields improved with better weather, as well. However, area still remains below levels achieved in 2012/13-2016/17 mostly due to weak prices. Fifth, Paraguay's 2018/19 production forecast was raised 54,000 tons to 737,000 tons due to slightly larger area and much higher yield. The crop is up 13 percent from a year earlier. Area, yield, and production are record high for Paraguay in 2018/19. Production in Paraguay has more than tripled over the last decade, allowing Paraguay to emerge as a growing midlevel exporter, shipping mostly to Latin American markets. Sixth, Peru's 2018/19 rice production forecast was increased 50,000 tons to 2.15 million tons based on a larger area estimate reported by the USDA Agricultural Office in Lima.

Seventh, Haiti's 2018/19 production forecast was raised 6,000 tons to 77,000 tons based on a much higher yield. Harvested area was actually reduced. Haiti's area, yield, and production estimates were revised for 2000/01-2017/18 based on recently released Government of Haiti data. Finally, Ukraine's 2018/19 production forecast was increased 3,000 tons to 45,000 tons based on a slightly higher area estimate. The year-end data were provided by the Government of Ukraine.

Global rice consumption (including a residual component) in 2018/19 is forecast at a record 492.4 million tons, up 0.4 million tons from the previous forecast and 2 percent larger than a year earlier. China and India account for the bulk of the expected increase in global rice consumption in 2018/19. With production exceeding consumption by 9.0 million tons, global ending stocks of 171.4 million tons are down 0.8 million tons from the previous forecast but 5.5 percent larger than a year earlier. These

are the largest ending stocks on record and the 12th consecutive year of a global stocks build up. At 34.8 percent, the global stocks to use ratio is slightly above 33.6 percent in 2017/18 but below the 2000/01 record of 37.1 percent. China accounts for 68 percent of 2018/19 global ending stocks and most of the expected increase.

Export Forecasts for 2019 Lowered for EU, India, Pakistan, and the United States; Raised for Cambodia

Global rice trade for calendar year 2019 is projected at 47.3 million tons, down 0.6 million tons from the previous forecast and 0.4 million tons below the 2018 revised estimate. This month, 2019 export forecasts were lowered for Brazil, EU, India, Pakistan, and the United States, with India's reduction the largest. In contrast, Cambodia's 2019 export forecast was raised. In 2019, weaker exports from Australia, Brazil, Burma, and Thailand are projected to more than offset stronger shipments from China, India, and the United States. At 2.5 million tons, China's 2019 exports are the highest since 2003. China returned in 2017 as a major rice exporter after almost a decade of shipments below a million tons, and often below 0.5 million tons. China is exporting both long-grain and medium- and short-grain rice, with medium- and short-grain exports record high in 2018.

Table A - Rice imports at a glance for 2019 (1,000 MT), April 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						
Benin	700	50	↑	75	↑	Larger-than-expected non-parboiled imports
Congo (Kinshasa)	150	-30	↓	0	→	Expected stagnant imports
Egypt	500	100	↑	270	↑	Tight supplies and large tenders
Guinea	850	50	↑	-15	↓	Large parboiled purchases
Haiti	480	-40	↓	52	↑	Slow pace of imports
Indonesia	500	-300	↓	-1,800	↓	Low demand for imports based on changes in support programs
Laos	40	-60	↓	-12	↓	Low imports from Thailand
Lybia	160	-50	↓	-15	↓	Expectation for continued pace from 2018
Mexico	815	-65	↓	39	↑	Expectations on consumption growth
Panama	80	-5	↓	-30	↓	Expected pace
Saudi Arabia	1,350	50	↑	0	→	Expectations on consumption growth
Sri Lanka	50	-50	↓	-199	↓	Large supplies
Turkmenistan	25	-15	↓	23	↑	Expectation for lower imports
Venezuela	500	-50	↓	-122	↓	Expected decline in imports

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

On the 2019 import side, Indonesia accounts for most of the month-to-month reduction in the import forecast and the year-to-year decline. Indonesia's 2019 imports of 500,000 tons are 1.8 million tons below a year earlier, as the country wants to reduce stocks and consumption growth is quite slow. Bangladesh's 2019 imports are down 1.1 million tons from a year earlier as production posts a strong recovery. Sri Lanka's 2019 import forecast of 50,000 tons is 0.2 million tons below a year earlier, also due to a strong production recovery.

The 2018 global trade estimate was lowered 0.1 million tons to 47.67 million tons, 0.44 million tons below the 2017 record. Burma, India, and Thailand accounted for most of the decline in exports in

2018. Bangladesh, China, Nigeria, and Sri Lanka accounted for the bulk of the decline in imports in 2018.

Table B - Rice imports at a glance for 2018 (1,000 MT), April 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						
Angola	490	15	↑	40	↑	Final data
Azerbaijan	60	-10	↓	23	↑	Near-final data
Belarus	29	-1	↓	1	↑	Final data
Benin	625	75	↑	75	↑	Larger-than-expected non-parboiled imports
Brazil	537	3	↑	-221	↓	Final data
Canada	390	20	↑	34	↑	Final data
Chile	177	26	↑	13	↑	Final data
Colombia	145	15	↑	39	↑	Near-final data
Congo (Kinshasa)	150	-20	↓	0	→	End-of-year estimate
Costa Rica	137	22	↑	-1	↓	Final data
Cuba	499	-51	↓	70	↑	Final data
El Salvador	76	-5	↓	10	↑	Final data
European Union	1,919	-81	↓	-66	↓	Final data
Guatemala	98	-4	↓	5	↑	Final data
Guinea	865	90	↑	265	↑	Large parboiled purchases
Haiti	428	-22	↓	-136	↓	Near-final data
Honduras	137	-26	↓	23	↑	Final data
Iraq	1,200	50	↑	140	↑	Final data
Kuwait	224	-16	↓	1	↑	Final data
Laos	42	-48	↓	-30	↓	Final data
Liberia	350	-20	↓	-20	↓	Final data
Lybia	175	-25	↓	-25	↓	Final data
Mauritius	71	11	↑	16	↑	Final data
Mexico	776	-74	↓	-137	↓	Final data
Mozambique	600	75	↑	-110	↓	Near-final data
New Zealand	52	2	↑	3	↑	Final data
Panama	110	30	↑	45	↑	Final data
Peru	320	20	↑	-61	↓	Final data
Reunion	26	1	↑	2	↑	Final data
Saudi Arabia	1,350	50	↑	155	↑	Near-final data
Taiwan	98	-17	↓	-27	↓	Final data
Tanzania	250	-10	↓	-10	↓	Slow pace of imports
Turkmenistan	2	-33	↓	-18	↓	Final data
Ukraine	105	25	↑	25	↑	Final data
Uzbekistan	17	12	↑	17	↑	Final data
Venezuela	622	13	↑	292	↑	
Vietnam	500	100	↑	0	→	Border trade with Cambodia

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

Table C - Rice exports at a glance for 2018 and 2019 (1,000 MT), April 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						
Brazil	750	-50	↓	-495	↓	Tighter supplies expected
Cambodia	1,200	200	↑	-100	↓	High border trade
Chile	4	1	↑	0	→	Expected export pace
Ecuador	35	5	↑	3	↑	Increased exports to Colombia
El Salvador	2	-8	↓	1	↑	Expected pace of trade
European Union	300	-50	↓	-9	↓	Expected decreased demand
India	12,000	-500	↓	209	↑	Export subsidy removed and low demand for non-basmati rice
Japan	58	-12	↓	3	↑	Steady growth in commercial exports
Nicaragua	10	5	↑	0	→	Expected continuation of pace of trade
Pakistan	4,000	-100	↓	50	↑	Weak demand
Peru	80	30	↑	0	→	Increased production
Rice Exports, 2018						
Burma	2,750	12	↑	-600	↓	
Cambodia	1,300	100	↑	150	↑	High border trade
Canada	13	5	↑	6	↑	Final data
Ecuador	32	9	↑	32	↑	Increased exports to Colombia
El Salvador	1	-1	↓	-1	↓	Final data
European Union	309	-41	↓	-60	↓	Final data
Japan	55	-5	↓	5	↑	Steady growth in commercial exports
Laos	84	9	↑	13	↑	Final data
Mexico	109	10	↑	19	↑	Expected to continue exporting food boxes to Venezuela
Nicaragua	10	5	↑	2	↑	Final data
Paraguay	650	-3	↓	113	↑	Tighter supply and competition from Brazil
Ukraine	3	3	↑	2	↑	Final data

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

Thailand and Vietnam's Price Quotes Have Risen Since Early March

Price quotes for most grades of Thailand's regular milled white rice have increased around 5-6 percent since early March, mostly due to strong demand from Africa and the Middle East, especially for parboiled rice. For the week ending April 8, Thailand's 100-percent grade B milled white rice was quoted at \$409 per ton, up \$20 from the week ending March 4. Prices for Thailand's 5-percent parboiled rice were quoted at \$400 per ton, up \$22 from the week ending March 4. Prices for Thailand's lower quality 15-percent broken rice were quoted at \$395 per ton for the week ending April 8, up \$25 from the week ending March 4. Prices for Thailand's premium jasmine rice—an aromatic—were quoted at \$1,083 per ton for the week ending April 8, down \$20 from the week ending March 4. All price quotes

for Thailand's rice are from the *Weekly Rice Price Update* reported by the U.S. Agricultural Office in Bangkok.

Vietnam's prices have risen as well, mainly due to the completion of the winter-spring harvest in the Mekong River Delta and anticipation of purchases by the Philippines. For the week ending April 9, prices for Vietnam's 5-percent broken, regular milled white rice were quoted at \$355 per ton, up \$15 from the week ending March 5. Vietnam's prices are now about \$44 below comparable grades of rice from Thailand, up from an average of \$32 in March. Vietnam's rice typically sells at \$30 to \$50 below comparable grades of Thailand's rice.

In contrast to Asian prices, U.S. prices for long-grain milled rice have declined since early March, likely a response to large supplies this year and expectations of a near-record carryout. For the week ending April 9, 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 \$515 per ton, down \$5 from the week ending March 5. The U.S. price difference over Thailand's 100-percent Grade B milled rice decreased to \$106 per ton from \$137 in early March. Prices for U.S. long-grain rough-rice (bulk, fob vessel, New Orleans) were quoted at \$270 per ton for the week ending April 9, down \$10 from the week ending March 5.

California prices for domestic sales have decreased slightly since early March, largely a response to weak sales outside the core Northeast Asian market. California medium-grain milled rice (No. 1, 4-percent broken, sacked, free on board, domestic mill) were quoted at \$885 per ton for the week ending April 9, down \$5 from the week ending March 5. Export prices for California medium-grain milled-rice (4-percent broken, sacked, on board vessel in Oakland) remain quoted at \$925 per ton for the week ending April 9, unchanged since early October. Price quotes for Vietnam, U.S. long- and medium-grain milled-rice, and U.S. rough-rice export prices are from the weekly *Creed Rice Market Report*. All price quotes for Thailand's rice are from the *Weekly Rice Price Update* reported by the U.S. Agricultural Office in Bangkok.

New Rice ERS Reports

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

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

Rice in Asia's Feed Markets by Raszap Skorbiansky, Childs, and Hansen 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 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

Childs, Nathan, and Sharon Raszap Skorbiansky, *Rice Outlook*, RCS-19D, U.S. Department of Agriculture, Economic Research Service, April 11, 2019.

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	29.0
Total supply	262.1	249.0	278.7	265.7	294.1	251.2	282.6
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	94.0
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	61.0
Total use	225.7	217.2	230.2	219.3	248.0	221.8	229.0
Ending stocks	36.4	31.8	48.5	46.5	46.0	29.4	53.6
	Percent						
Stocks-to-use ratio	16.1	14.7	21.1	21.2	18.6	13.2	23.4
	\$/cwt						
Average farm price 5/	15.10	16.30	13.40	12.20	10.40	12.90	11.80 to 12.40
	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 April 9, 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	106.0
Exports	61.9	68.5	75.9	76.6	63.3	67.0
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	10.60 to 11.00
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	5.5
Total supply 5/	72.9	76.1	82.1	81.1	67.5	73.4
Domestic use 3/	28.1	28.3	30.2	31.4	36.2	29.0
Exports	31.4	27.7	31.0	38.2	23.7	27.0
Total use	59.5	56.0	61.2	69.6	59.9	56.0
Ending stocks	13.3	20.2	20.9	11.5	7.6	17.4
	Percent					
Stocks-to-use ratio	22.4	36.0	34.1	16.5	12.8	31.1
	\$/cwt					
Average farm price						
U.S. average 4/ 6/	19.20	18.30	15.30	13.10	17.00	15.70 to 16.50
California 6/ 7/	20.70	21.60	18.10	14.10	20.10	17.40 to 18.20
Other States 4/	15.70	14.40	11.20	10.10	11.70	12.00 to 12.40
Ending stocks difference 1/	2.3	1.9	2.9	3.5	1.4	N/A

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 April 9, 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	4,553	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			12.70	13,748	10.10	18,776
April			13.10	13,167	10.10	18,353
May			12.80	11,800	10.20	16,874
June			13.10	9,066	10.20	15,444
July			13.70	9,465	10.80	14,096
Average to date	12.23	1/				
Season-average farm price	11.80-12.40		12.90		10.40	
Average marketings		12,747		12,972		15,578
Total volume marketed		89,232		155,665		186,935

Cwt = hundredweight. 1/ Weighted average.

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

Last updated April 9, 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			11.70	11,028			16.60	2,720
April			11.80	10,053			17.40	3,114
May			11.80	9,695			17.50	2,105
June			11.90	7,044			17.30	2,022
July			11.80	6,572			18.10	2,893
Average to date 1/	10.94				16.03			
Season-average farm price	10.60-11.00		11.50		15.70-16.50		17.00	
Average marketings		9,531		9,675		3,213		3,297
Total volume marketed		66,719		116,100		22,489		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 April 9, 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		20.00	January	12.30	11.50
April		20.00	February	12.30	12.30
May		19.80	March		11.80
June		20.10	April		12.30
July		20.00	May		11.90
August		20.40	June		12.50
September		20.00	July		12.50
Simple average to date	17.44			12.40	
Market-year average	17.40-18.20 3/	20.10		12.00-12.40 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 April 9, 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	8.33	8.81	10.45	10.79	8.59	9.01
March	8.32	8.91	10.28	10.63	8.60	9.02
April 2/	8.38	8.98	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/	8.92	9.23	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 April 9, 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 January	2018/19 through January
	1,000 tons								
ASIA	541.5	624.8	647.1	703.1	676.8	692.8	773.9	386.2	404.3
China	3.6	2.7	3.2	4.8	3.9	4.0	13.1	9.9	43.8
India	110.5	129.3	138.8	128.7	166.6	150.0	183.3	91.7	94.6
Pakistan	15.2	17.7	26.6	25.2	27.6	21.0	21.9	8.9	8.9
Thailand	387.6	393.8	428.6	472.2	437.3	482.3	529.3	262.5	245.9
Vietnam	21.7	77.8	45.4	67.5	35.6	29.0	19.6	10.2	8.1
Other	2.8	3.6	4.5	4.9	5.7	6.5	6.7	3.0	3.0
EUROPE & FORMER SOVIET UNION	14.3	12.0	12.0	14.5	16.3	17.7	17.1	7.4	6.6
Italy	5.2	7.5	8.2	9.0	9.5	11.7	11.7	5.4	4.4
Spain	4.7	2.3	1.2	1.8	2.1	1.7	4.1	1.4	1.6
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	0.3	0.0
Other	4.3	2.1	2.0	1.4	1.5	1.4	0.9	0.3	0.6
WESTERN HEMISPHERE	64.5	35.9	41.0	47.1	76.6	36.3	63.6	30.7	53.1
Argentina	3.4	5.5	4.0	5.4	5.9	4.9	5.3	2.3	4.1
Brazil	30.5	5.0	14.4	16.5	51.8	15.2	39.0	19.3	36.5
Canada	16.3	12.1	13.8	11.5	10.5	11.8	16.2	7.6	9.1
Mexico	1.1	1.0	1.2	1.2	2.0	2.0	1.8	0.9	0.6
Uruguay	13.2	12.3	5.3	6.2	3.2	0.9	1.0	0.5	2.5
Other	0.0	0.1	2.3	6.3	3.2	1.5	0.3	0.1	0.3
OTHER	1.0	1.9	40.3	24.7	3.0	3.7	4.3	1.3	2.9
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	0.5	0.3
Australia	0.0	0.4	37.4	23.1	1.0	0.6	2.3	0.5	2.4
Other	0.4	0.4	1.9	0.6	0.0	0.6	0.7	0.0	0.2
TOTAL	621.2	674.6	740.4	789.4	772.7	750.5	858.9	425.6	466.9

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 April 9, 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 March 29, 2018 2/	2018/19 Through March 28, 2019 2/
	1,000 tons									
EUROPE & FSU	101.7	61.3	41.7	38.1	30.2	22.2	14.0	27.8	19.5	24.4
European Union	90.3	52.2	37.7	30.6	26.8	18.6	11.0	24.8	17.2	21.7
Other Europe	5.3	5.5	1.1	2.9	2.3	2.5	2.0	2.1	1.5	1.5
Former Soviet Union (FSU)	6.1	3.6	2.9	4.6	1.1	1.1	1.0	0.9	0.8	1.2
NORTHEAST ASIA	473.6	592.3	561.4	474.6	464.1	608.3	690.3	451.4	488.6	532.2
Hong Kong	0.6	2.6	6.2	6.2	0.3	1.1	13.2	9.6	9.4	5.3
Japan	355.3	375.5	347.6	364.2	307.7	429.6	428.8	322.5	359.6	358.6
South Korea	100.6	148.6	145.1	72.1	123.5	132.6	220.8	88.3	88.1	146.2
Taiwan	17.1	65.6	62.5	32.1	32.6	45.0	27.5	31.0	31.5	22.1
OTHER ASIA, OCEANIA, & THE MIDDLE EAST	641.8	499.9	463.6	605.8	468.7	487.2	468.4	281.0	271.6	311.0
Australia	15.8	10.0	9.1	10.4	6.5	5.5	5.4	5.0	4.0	2.0
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	96.4	125.9
Israel	33.3	22.4	16.9	19.2	9.3	13.7	15.2	7.4	7.0	12.3
Jordan	83.0	93.2	71.2	88.7	71.9	82.2	98.5	61.1	75.3	59.1
Micronesia	6.0	6.2	5.5	2.0	2.0	1.1	1.7	0.4	0.2	0.2
New Zealand	6.5	3.0	3.0	3.8	2.1	2.4	3.1	3.1	2.3	2.5
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	74.4	85.0
Singapore	5.3	5.8	6.6	7.5	3.8	3.3	4.5	2.7	2.3	1.6
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	1.5
Rest of Asia, Oceania, and Middle East	36.6	35.6	27.4	30.3	18.6	21.9	35.4	12.7	9.1	20.9
AFRICA	432.4	179.6	249.1	110.8	128.0	91.4	147.9	54.1	57.4	50.7
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	5.1
Guinea-Conakry	5.0	11.0	4.4	3.6	4.1	3.1	3.4	1.3	0.8	1.8
Liberia	38.5	26.7	15.5	6.3	0.5	1.8	4.4	7.7	11.9	11.3
Libya	152.9	24.8	89.5	47.8	93.2	86.2	85.1	38.1	38.1	32.5
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	0.2	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	0.1
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	1,553.3	1,714.2
Bahamas	6.3	6.3	6.3	6.0	6.1	4.9	4.0	4.5	2.9	3.5
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	95.0	111.7
Colombia	0.2	0.1	150.1	138.9	285.3	159.2	104.5	144.4	132.4	141.7
Costa Rica	69.7	58.1	75.3	63.1	91.3	79.4	58.8	66.9	50.1	70.2
Dominican Republic	7.0	8.9	1.7	7.9	6.5	15.0	36.6	15.5	14.6	17.6
El Salvador	77.0	76.5	83.8	70.1	76.4	89.6	67.4	71.1	61.3	67.4
Guatemala	69.4	81.4	77.6	81.5	75.3	113.1	118.6	105.4	86.5	91.2
Haiti	248.9	233.4	342.0	323.9	362.1	403.0	423.7	421.0	347.3	338.3
Honduras	136.8	140.0	122.4	142.4	132.0	151.8	152.2	161.5	129.3	141.0
Jamaica	25.5	11.6	1.2	1.2	1.2	1.2	0.0	0.7	0.3	0.3
Leeward & Windward Islands	9.4	10.2	2.9	1.6	0.5	0.7	0.7	0.8	0.6	0.7
Mexico	848.5	803.7	749.5	690.7	716.7	618.7	709.3	695.9	442.8	592.7
Netherlands Antilles	4.8	4.7	4.7	4.6	4.3	4.1	2.9	2.9	1.9	2.1
Nicaragua	142.2	40.6	39.9	10.3	2.0	0.0	6.1	10.0	9.6	83.3
Panama	88.2	59.7	39.3	24.1	45.8	67.8	65.5	40.6	40.5	38.0
Venezuela	149.6	94.1	262.5	98.9	223.9	287.7	318.9	137.6	137.6	13.5
Other Western Hemisphere	6.2	7.9	5.8	7.3	7.2	3.3	3.8	1.7	0.8	1.0
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	2,390.3	2,632.6

1/ Total August-July marketing year commercial shipments. 2/ Summation of shipments and outstanding sales.

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

Last updated April 9, 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 8/	525	283	900	392	383	375	NQ	349
Apr. 2019 9/	515	275	885	406	399	391	NQ	358
2018/19 9/	542	284	878	397	389	380	NQ	380

NQ = No quotes. . 1/ Simple average of weekly quotes.

Market year average prices are simple average of monthly prices.

2/ Number 2, 4-percent brokens, sacked, free on board vessel.. Prior to August 2015, free alongside vessel, U.S. Gulf Port.

Since August 2015, free on board vessel, U.S. Gulf port.

To convert to a free on board vessel price add \$25 per ton. 3/ Bulk, free on board vessel, New Orleans, LA.

4/ New price series. Number 1, maximum 4-percent brokens, sacked, 25 kilogram, containerized, free on board, California mill.

5/ Nominal price quotes, long-grain, sacked, free on board vessel, Bangkok, Thailand.

6/ 100-percent brokens, new price series. 7/ Long-grain, double-water-polished, bagged,

free on board vessel, Ho Chi Minh City. 8/ Revised. Please note any previous months' revisions are in bold. 9/ Preliminary.

Sources: U.S. and Vietnam prices, *Creed Rice Market Report*; Thailand prices, *Weekly Rice Price Update*, U.S.

Agricultural Office, Bangkok, Thailand (www.fas.usda.gov).

Updated April 11, 2019.

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

Country	2016/17	2017/18				2018/19 2/			
		March 2019	April 2019	Monthly revisions	Annual changes	March 2019	April 2019	Monthly revisions	Annual changes
		1,000 metric tons							
Afghanistan	325	325	342	17	17	302	328	26	-14
Argentina	863	889	889	0	26	793	780	-13	-109
Australia	581	454	454	0	-127	75	75	0	-379
Bangladesh	34,578	32,650	32,650	0	-1,928	35,000	35,000	0	2,350
Brazil	8,383	8,208	8,204	-4	-179	7,480	7,480	0	-724
Burma	12,650	13,200	13,200	0	550	13,120	13,050	-70	-150
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	148,490	148,490	0	-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	590	590	0	15	570	570	0	-20
Ecuador	800	882	882	0	82	840	925	85	43
Egypt	4,800	4,300	4,300	0	-500	2,800	2,800	0	-1,500
European Union	2,087	2,000	2,010	10	-77	2,004	1,945	-59	-65
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	627	-23	-3
India	109,698	112,910	112,910	0	3,212	116,000	116,000	0	3,090
Indonesia	36,858	37,000	37,000	0	142	37,300	37,100	-200	100
Iran	1,663	2,013	2,013	0	350	1,993	1,993	0	-20
Iraq	121	210	210	0	89	43	43	0	-167
Japan	7,929	7,787	7,787	0	-142	7,700	7,650	-50	-137
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	1,825	5	5
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	7,500	50	651	7,540	7,400	-140	-100
Paraguay	619	653	653	0	34	683	737	54	84
Peru	2,185	2,097	2,118	21	-67	2,100	2,150	50	32
Philippines	11,686	12,235	12,235	0	549	12,150	12,000	-150	-235
Russia	703	642	642	0	-61	675	675	0	33
Sierra Leone	731	882	882	0	151	756	756	0	-126
Sri Lanka	2,034	2,248	2,248	0	214	2,631	2,960	329	712
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	610	610	0	90
Uganda	161	159	159	0	-2	159	159	0	0
United States	7,117	5,659	5,659	0	-1,458	7,119	7,119	0	1,460
Uruguay	987	952	952	0	-35	887	861	-26	-91
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	491,267	491,361	94	4,434	497,372	497,190	-182	5,829
Others	4,022	4,102	4,125	23	103	4,193	4,197	4	72
World total	490,949	495,369	495,486	117	4,537	501,565	501,387	-178	5,901

-- 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 April 8, 2019.

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

Country	2018					2019 1/			
	2017	March 2019	April 2019	Monthly revisions	Annual changes	March 2019	April 2019	Monthly revisions	Annual changes
	1,000 metric tons (milled basis)								
Argentina	391	291	291	0	-100	380	380	0	89
Australia	187	262	262	0	75	50	50	0	-212
Brazil	594	1,245	1,245	0	651	800	750	-50	-495
Burma	3,350	2,738	2,750	12	-600	2,800	2,800	0	50
Cambodia	1,150	1,200	1,300	100	150	1,000	1,200	200	-100
China	1,173	2,058	2,058	0	885	2,500	2,500	0	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	309	-41	-60	350	300	-50	-9
Guinea	80	80	80	0	0	80	80	0	0
Guyana	455	480	480	0	25	500	500	0	20
India	12,573	11,791	11,791	0	-782	12,500	12,000	-500	209
Japan	50	60	55	-5	5	70	58	-12	3
Kazakhstan	50	65	65	0	15	65	65	0	0
Mexico	90	99	109	10		90	90	0	-19
Pakistan	3,642	3,950	3,950	0	308	4,100	4,000	-100	50
Paraguay	537	653	650	-3	113	650	650	0	0
Peru	100	80	80	0	-20	50	80	30	0
Russia	175	139	139	0	-36	160	160	0	21
Senegal	10	10	10	0	0	10	10	0	0
South Africa	109	113	113	0	4	125	125	0	12
Surinam	90	95	95	0	5	100	100	0	5
Tanzania	40	40	40	0	0	50	50	0	10
Thailand	11,615	11,056	11,056	0	-559	10,000	10,000	0	-1,056
Turkey	56	45	45	0	-11	25	25	0	-20
Uganda	40	40	40	0	0	40	40	0	0
United States	3,349	2,763	2,763	0	-586	3,150	3,050	-100	287
Uruguay	1,051	799	799	0	-252	800	800	0	1
Venezuela	40	20	20	0	-20	0	0	0	-20
Vietnam	6,488	6,590	6,590	0	102	7,000	7,000	0	410
Subtotal	48,024	47,242	47,315	73	(728)	48,960	48,960	0	1,645
Other	87	329	355	26	287	257	257	0	-98
World total	48,111	47,571	47,670	99	-441	47,849	47,270	-579	-400
U.S. Share	7.0%	5.8%	5.8%	--	--	6.6%	6.5%	--	--

-- 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 April 8, 2019.

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

Country	2017	2018				2019 1/			
		March 2019	April 2019	Monthly revisions	Annual changes	March 2019	April 2019	Monthly revisions	Annual changes
		1,000 tons (milled basis)							
Afghanistan	367	300	300	0	-67	350	350	0	50
Australia	164	167	167	0	3	200	200	0	33
Bangladesh	2,348	1,400	1,400	0	-948	300	300	0	-1,100
Brazil	758	534	537	3	-221	750	750	0	213
Cameroon	600	650	650	0	50	700	700	0	50
Canada	356	370	390	20	34	380	380	0	-10
China	5,900	4,500	4,500	0	-1,400	4,500	4,500	0	0
Colombia	106	130	145	15	39	150	150	0	5
Costa Rica	138	115	137	22	-1	160	160	0	23
Cote d'Ivoire	1,350	1,500	1,500	0	150	1,600	1,600	0	100
Cuba	429	550	499	-51	70	500	500	0	1
Egypt	90	230	230	0	140	400	500	100	270
European Union	1,985	2,000	1,919	-81	-66	2,000	2,000	0	81
Ghana	650	700	700	0	50	680	680	0	-20
Guinea	600	775	865	90	265	800	850	50	-15
Haiti	564	450	428	-22	-136	520	480	-40	52
Honduras	114	163	137	-26	23	150	150	0	13
Hong Kong	334	326	326	0	-8	345	345	0	19
Indonesia	350	2,300	2,300	0	1,950	800	500	-300	-1,800
Iran	1,400	1,250	1,250	0	-150	1,200	1,200	0	-50
Iraq	1,060	1,150	1,200	50	140	1,300	1,300	0	100
Japan	679	670	670	0	-9	685	685	0	15
Jordan	220	200	200	0	-20	230	230	0	30
Kenya	675	700	700	0	25	750	750	0	50
Korea, North	37	44	44	0	7	50	50	0	6
Korea, South	412	386	386	0	-26	410	410	0	24
Liberia	370	370	350	-20	-20	380	380	0	30
Libya	200	200	175	-25	-25	210	160	-50	-15
Madagascar	600	450	400	-50	-200	300	300	0	-100
Malaysia	900	800	800	0	-100	1,000	1,000	0	200
Mexico	913	850	776	-74	-137	880	815	-65	39
Mozambique	710	525	600	75	-110	675	675	0	75
Nicaragua	88	91	91	0	3	85	85	0	-6
Niger	300	310	310	0	10	320	320	0	10
Nigeria	2,500	2,000	2,000	0	-500	2,200	2,200	0	200
Philippines	1,200	2,500	2,500	0	1,300	2,600	2,600	0	100
Russia	244	220	220	0	-24	240	240	0	20
Saudi Arabia	1,195	1,300	1,350	50	155	1,300	1,350	50	0
Senegal	1,100	1,100	1,100	0	0	1,250	1,250	0	150
Sierra Leone	390	350	350	0	-40	450	450	0	100
Singapore	323	287	287	0	-36	330	330	0	43
South Africa	1,054	1,071	1,071	0	17	1,100	1,100	0	29
Sri Lanka	748	249	249	0	-499	100	50	-50	-199
Syria	150	170	170	0	20	170	170	0	0
Taiwan	125	115	98	-17	-27	120	120	0	22
Thailand	250	250	250	0	0	250	250	0	0
Turkey	300	260	260	0	-40	180	180	0	-80
United Arab Emirates	750	825	825	0	75	900	900	0	75
United States	787	895	895	0	108	900	925	25	30
Venezuela	330	609	622	13	292	550	500	-50	-122
Vietnam	500	400	500	100	0	400	400	0	-100
Yemen	390	520	520	0	130	460	460	0	-60
Subtotal	38,103	38,277	38,349	72	246	37,260	36,930	-330	-1,419
Other countries 2/	10,008	9,294	9,321	27	-687	10,589	10,340	-249	1,019
World total	48,111	47,571	47,670	99	-441	47,849	47,270	-579	-400

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>.

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