



### **Economic Research Service | Situation and Outlook Report**

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### **Rice Outlook**

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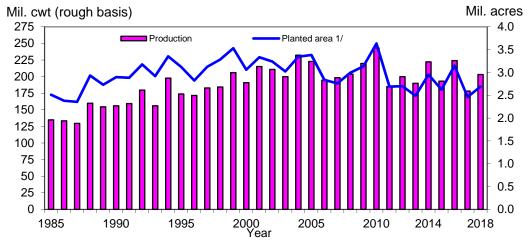
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# U.S. 2018/19 Rice Production Projected at 203.2 Million Cwt

The first forecast for the 2018/19 U.S. rice crop pegs production at 203.2 million cwt, up 14 percent from a year earlier, with long grain accounting for most of the production increase. The increase is primarily due to an area expansion, along with a slightly higher average yield. Despite projections for larger domestic use and expanded exports, U.S. 2018/19 ending stocks are expected to increase 18 percent to 40.5 million cwt. The season-average farm price is projected to decline for both U.S. long-grain and southern medium- and short-grain rice in 2018/19, but to increase for California medium- and short-grain rice. In the global rice market, 2018/19 production, consumption, and trade are all projected to be record high. Despite record global use, ending stocks are projected to increase fractionally to 144.7 million tons, the highest since the 2000/01 record. Global and U.S. trading prices have increased over the past month, with Asian prices supported by strong recent purchases, especially by the Philippines.





1/2018 is intended plantings based on surveys conducted during the first 2 weeks of March. Sources: 1985-2015, *Rice Yearbook Data Set*, Economic Research Service, USDA; 2016-2018, *World Agricultural Supply and Demand Estimates*, World Agricultural Outlook Board, USDA.

### **Domestic Outlook**

### U.S. 2018/19 Rice Production Projected at 203.2 Million cwt

The 2018/19 U.S. rice crop is projected to be up 14 percent from a year earlier. The expected production increase is due primarily to expanded area, along with a slightly higher average yield. At 2.69 million acres, planted area is up more than 9 percent from a year earlier, with harvested area projected at 2.67 million acres—an increase of 12.5 percent from 2017/18, which experienced a higher than average abandonment due to adverse weather. The 2018/19 planted area forecast is from the March planting intentions reported by NASS. The first survey of actual plantings of the 2018/19 U.S. rice crop will be reported in the June *Acreage* to be released on June 29. Harvested area for 2018/19 is based on the previous 5-year average of harvested area to plantings ratio.

The 2018/19 all-rice yield is forecast at 7,610 pounds per acre, up 1.4 percent from a year earlier but still below the 2013/14 record of 7,694 pounds. The 2018/19 yield forecast is based on 1998/99-2017/18 trend yields by class, with the two production forecasts by class added to determine total rice production and the average yield.

Long-grain production is forecast at 150.2 million cwt, up 17.5 percent from a year earlier, mostly due to expanded plantings in the South. The intended area expansion is largely due to rising prices at planting and expectations of stronger net returns for rice than for competing southern crops, primarily soybeans. Almost all U.S. long-grain rice is grown in the South.

Combined medium- and short-grain production is projected at 53.0 million cwt, up 5 percent from a year earlier, primarily due to larger plantings in the South. Southern medium-grain yields are typically 20 percent less than yields in California, where the bulk of the U.S. medium- and short-grain crop is produced. The first objective yield forecast for the 2018/19 U.S. rice crop will be reported by NASS in the August *Crop Production* released on August 10, which will include State yields as well.

### Planting Pace of 2018/19 Crop Near-Average in the South

Although plantings in much the South, particularly the Delta, got off to a slower-than-normal start this year due to a cool, wet spring, the pace of plantings had caught up to near-normal by early May. For the week ending May 6, planting of the 2018/19 total U.S. rice crop was estimated to be 68-percent complete. This is 8 percentage points behind a year earlier's rapid pace but just 1 percentage point behind the 2013-2017 U.S. average, despite the slow start in the Delta, the largest growing region.

As is typical in early May, crop progress was most advanced along the Gulf Coast, the southern-most rice growing region in the United States. In Louisiana, 96 percent of the 2018/19 rice crop was reported planted by May 6, unchanged from a year earlier, but 4 percentage points ahead of the State's 5-year average. In nearby Texas, 84 percent of the 2018/19 crop was reported planted by May 6, up 3 percentage points from a year earlier, but unchanged from the State's 5-year average. The pace of plantings in both of these Gulf Coast States had been ahead of normal since the start of the 2018/19 season.

Plantings were not as advanced in the remaining producing States, partly due to their more northern geographic location but also to adverse weather this year. An abnormally cool and wet spring delayed progress early in the season in the Delta, but the region has almost caught up due to warmer weather and a fast pace of planting. For the week ending May 6, 77 percent of the Arkansas 2018/19 rice crop was estimated planted, well behind last year's rapid pace of 92 percent, but 2 percentage points ahead of the State's 5-year average. In nearby Missouri, 65 percent of the 2018/19 rice crop was estimated to have been planted by May 6, 3 or 4 percentage points below both last year and the State's 5-year average. Mississippi's 2018/19 rice crop was estimated to be 64 percent complete by May 6, 19 percentage points below last year's rapid pace, but just 4 percentage points below the State's 5-year average.

In contrast to much of the South, plantings in California are well behind the State's 5-year average, mostly due to an abnormally cool spring. In 2017/18, plantings in California were severely slowed by excessive rainfall, snow runoff, and subsequent flooding. For the week ending May 6, just 12 percent of the 2018/19 California crop was estimated to have been planted, up from just 3 percent planted last year—which was a severely delayed crop—but still well below the State's 5-year average of 31 percent. About 10 percent of the California 2018/19 intended rice area was planted from April 30 to May 6 as weather improved.

Although plantings had almost caught up with 5-year State averages in the South, emergence remains behind both last year's pace and 5-year averages across most of the U.S. rice growing areas, with the Gulf Coast the only exception. For the week ending May 6, 44 percent of the U.S. 2018/19 rice crop had emerged, well behind 64 percent a year ago and also behind the U.S. 5-year average of 50 percent. On the Gulf Coast, 87 percent of Louisiana's 2018/19 crop had emerged by May 6, behind 92 percent a year ago but slightly ahead of the State's 5-year average of 84 percent. The Texas 2018/19 rice crop was reported 77 percent emerged by May 6, 2 percentage points ahead of last year but unchanged from the State's 5-year average.

Farther north, crop development was less advanced than on the Gulf Coast—as is typical—and behind State 5-year averages. In Arkansas, 46 percent of the 2018/19 crop had emerged by May 6, well behind 76 percent last year and 8 percentage points behind the State's 5-year average. In nearby Missouri, just 26 percent of the 2018/19 crop had emerged by May 6, well behind last year's 51 percent and behind the State's 5-year average of 43 percent. Mississippi's 2018/19 rice crop was reported 31 percent emerged by May 6, also sharply behind last year's 68 percent and 13 percentage points behind the State's 5-year average. None of California's 2018/19 crop had emerged by May 6, unchanged from last year's delayed crop but well behind the California 5-year average of 10 percent.

### U.S. 2018/19 Total Supplies Projected To Be Down 5 Percent

Total rice carryin for 2018/19 is projected at 34.3 million cwt, down 26 percent from a year earlier and the smallest since 2014/15. Long-grain carryin in 2018/19 is projected at 20.4 million cwt, down 34 percent from a year earlier, also the lowest since 2014/15. Medium- and short-grain carryin is forecast at 10.4 million cwt, down 10 percent from 2017/18. The smaller carryin in 2018/19 is mostly due to a substantial crop reduction in 2017/18, which cut total supplies 15 percent. Stocks of brokens, which are included in the stocks total, are not classified by grain length.

Imports in 2018/19 are projected at 26.0 million cwt, unchanged from the year-earlier record. Aromatics from Asia, mostly classified as long grain, are expected to continue to account for the bulk of U.S. rice imports, with Thailand continuing to be the largest supplier. Long-grain 2018/19

imports are projected at 22.5 million cwt, also unchanged from the year-earlier record. Mediumand short-grain imports in 2018/19 are projected at 3.5 million cwt, unchanged from a year earlier but well below the 2006/07 record of 6.3 million cwt when Puerto Rico was importing substantial amounts of rice.

Total U.S. rice supplies in 2018/19 are projected at 263.5 million cwt, up 5 percent from a year earlier, a result of a larger crop. Long-grain supplies are projected at 193.1 million cwt, up 6.5 percent from a year earlier, also due to a much larger crop. Medium- and short-grain supplies are forecast at 66.9 million cwt, up 2 percent from 2017/18. Despite the expected increases, total supplies remain below-record for all rice and both classes of rice.

### U.S. Exports and Domestic Use Projected Higher in 2018/19

Total use of U.S. rice in 2018/19 is projected at 223.0 million cwt, up 3 percent from a year earlier, with both exports and domestic use projected higher. Long-grain total use is projected at 167.0 million cwt, up 4 percent from 2017/18. Medium- and short-grain total use in 2018/19 is projected at 56.0 million cwt, an increase of 2 percent from a year earlier, with exports accounting for all of the increase.

Total domestic and residual use in 2018/19 is projected at 122.0 million cwt, up 2 percent from a year earlier but still well below the 2010/11 record of 136.9 million cwt. Domestic and residual use accounts for post-harvest losses, including unreported losses in processing, marketing, and transporting. These losses are typically proportional to the crop size. Long-grain domestic and residual use is projected at 95.0 million cwt, up 3 percent from 2017/18. Medium- and short-grain domestic and residual use is projected at 56.0 million cwt, an increase of 2 percent from 2017/18.

Total U.S. rice exports in 2018/19 are projected at 101.0 million cwt, up 5 percent from a year earlier but still well below the 2016/17 near-record of 116.6 million cwt. The expected export increase in 2018/19 is based on larger supplies, lower prices for long-grain and southern mediumgrain rice, and a smaller price difference with major Asian and South American competitors in the global long-grain market when larger U.S. supplies in 2018/19 become available.

Rough rice exports in 2018/19 are projected to increase 10 percent to 34.0 million cwt, with expanded sales to Latin America accounting for most of the increase. U.S. sales to the Mediterranean are expected to be higher as well. Latin America accounts for the bulk of U.S. rough-rice exports, taking almost exclusively long-grain rice. North Africa and the Middle East account for most of the remaining rough-rice exports, purchasing mostly medium-grain rice, primarily from the South.

Milled rice exports (combined milled and brown rice exports on a rough-basis) in 2018/19 are projected at 67.0 million cwt, up 3 percent from a year earlier. Latin America, the Middle East, and Northeast Asia are likely to import more U.S. milled-rice in 2018/19, with growth in Northeast Asia mostly accounted for by shipments purchased in 2017/18. These three markets and Canada account for the bulk of U.S. milled rice exports.

U.S. long-grain exports in 2018/19 are projected at 72.0 million cwt, up 3.0 million cwt from a year earlier. Latin America, the largest market for U.S. long-grain rice, is expected to account for much of the increase, mostly due to more competitive prices. In recent years, the United States has lost market shares in both Mexico and Central America, mostly to South American exporters and, to a much lesser extent, some Asian exporters. The U.S. remains the largest supplier to both of

these substantial rice-import markets, but its share continues to decline, mostly due to more competitive prices from South American exporters.

## U.S. Ending Stocks Projected To Increase 18 Percent in 2018/19

U.S. rice ending stocks in 2018/19 are projected at 40.5 million cwt, up 18 percent from a year earlier but still below the abnormally high levels held in 2014/15-2016/17. The substantial increase in ending stocks in 2018/19, despite higher expected domestic use and exports, is due to a 14-percent increase in production. The 2018/19 stocks-to-use ratio is projected at 18.1 percent, well above 15.9 percent in 2017/18.

The stocks buildup varies by class. Long-grain 2018/19 ending stocks are projected at 26.1 million cwt, up 28 percent from a year earlier. The long-grain stocks-to-use ratio is projected at 15.6 percent, 3 percentage points above 2017/18. An ending-stocks projection and stocks-to-use ratio of these levels will likely put downward pressure on long-grain prices during the 2018/19 market year.

For medium- and short-grain rice, 2018/19 ending stocks are projected at 10.9 million cwt, up 5 percent from a year earlier. The medium- and short-grain stocks-to-use ratio is projected at 19.4 percent, up just 0.6 percent from 2017/18. This level of medium- and short-grain carryout is not excessive, with downward price pressure limited to the southern medium-grain due to expected higher area.

For the 2017/18 U.S. rice balance sheet, there was a 1.0-million cwt increase in total imports to a record 26.0 million cwt, 11 percent above a year earlier. The upward revision was based on the pace of deliveries through March, which were about 12 percent ahead of a year earlier. Shipments from Thailand, which accounts for 60-65 percent of U.S. rice imports, were up 7.5 percent from a year earlier. Its premium jasmine rice accounts for most of these imports.

Imports from India, the second largest supplier, were up more than 22 percent from a year earlier, with its premium basmati accounting for almost all of the shipments. Although a much smaller supplier, Brazil had shipped almost 23,000 tons of rice to the United States through March, up 107 percent from a year earlier. Imports through March from Canada were nearly 10,000 tons, up 34 percent from a year earlier. This rice was initially imported by Canada, fully processed and packaged in Canada, and then exported to the United States.

By class, long-grain imports were increased 1.0 million cwt to a record 22.5 million cwt. Combined medium- and short-grain imports remain forecast at 3.5 million cwt. Thailand is the largest supplier of both classes of rice. The larger long-grain import forecast raised long-grain supplies and ending stocks.

### Long-Grain Season-Average Farm Price Projected To Decline

The 2018/19 long-grain season-average farm price is projected at \$11.00-\$12.00 per cwt, compared with \$11.60-\$11.80 a year earlier, with the midpoint down 20 cents in 2018/19. The slightly lower midpoint in 2018/19 is based on expected larger supplies. The southern medium-and short-grain season-average farm price is projected at \$11.20-\$12.20 per cwt, compared with

a revised \$11.90-12.10 a year earlier, with the midpoint 30 cents below a year earlier. The decline is based on larger supplies stemming from increased area.

In contrast, the California 2018/19 medium- and short-grain season-average price is projected at \$16.50-\$17.50 per cwt compared with a revised \$16.20-\$17.00 for 2017/18, with the midpoint up 40 cents. The higher 2018/19 midpoint is based on smaller intended area in California. The U.S. medium- and short-grain season-average farm price is projected at \$14.70-\$15.70 per cwt, compared with \$14.90-\$15.50 a year earlier, with a mid-point of \$15.20 each year. The all-rice 2018/19 season-average farm price is projected at \$11.90-\$12.90 per cwt, compared with \$12.40-\$12.80 in 2017/18. The 2018/19 midpoint is 20 cents below a year earlier.

For 2017/18, USDA raised the midpoint of the California medium- and short-grain season-average price 10 cents per cwt to \$16.60 and lowered the southern medium- and short-grain season-average farm price midpoint 10 cents per cwt to \$12.00. Both revisions were based on monthly reported cash prices and marketings through March and expectations regarding prices and marketings the remainder of the market year. The midpoint of the U.S. medium- and short-grain season-average farm price remains \$15.20 per cwt as these regional revisions offset each other.

In late April, NASS reported the March long-grain price at \$11.90 per cwt, unchanged from a month earlier but up \$1.20 from August. The southern medium- and short-grain March price was reported at \$12.30 per cwt, down 30 cents from February but up \$1.30 from August. The California medium- and short-grain March price was reported at \$17.90 per cwt, up 60 cents from February and the highest since May 2016. The U.S. medium- and short-grain March price was reported at \$15.60 per cwt, up 80 cents from February. The all-rice March price was reported at \$12.70 per cwt, up 10 cents from February.

### **International Outlook**

### Global Rice Production in 2018/19 Projected Record High

Global rice production in 2018/19 is projected at a record 489.5 million tons, up 1.3 million tons from 2017/18 and the third consecutive year of increasing production. The global production increase is due to expanded area. At 162.0 million hectares, global rice harvested area is projected to be up 1.3 million hectares from 2017/18 and the highest on record. Bangladesh, India, Thailand, and the United States account for the bulk of the expected area expansion. In contrast, harvested area is projected to decline in 2018/19 in China, Colombia, Egypt, Iraq, South Korea, and Venezuela. However, the average global yield of 4.51 tons per hectare is slightly below the year-earlier record, mostly due to expectations of a return to trend yields in China and India, the two largest rice producing countries.

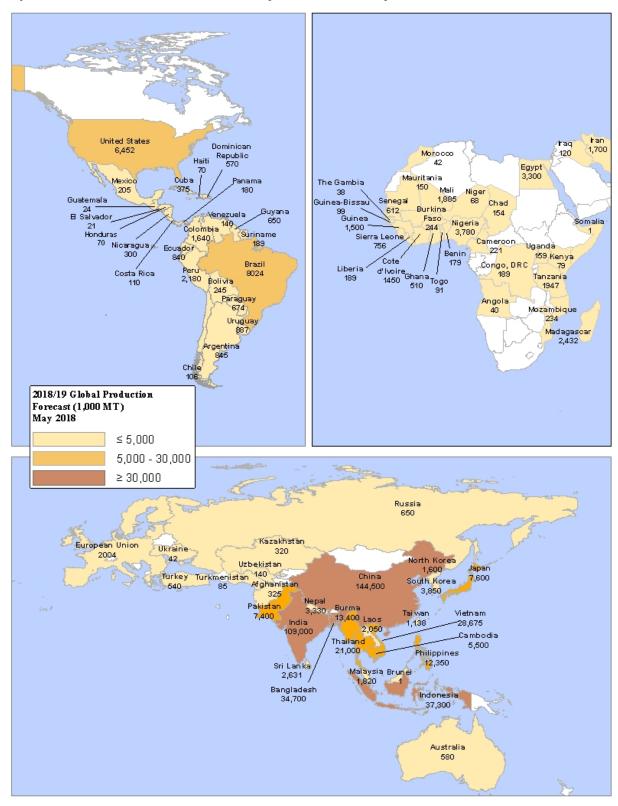
Bangladesh accounts for the largest increase in global production in 2018/19. At a record 34.7 million tons, Bangladesh's 2018/19 rice crop is projected to be up 6 percent from the 2017/18 production that was adversely impacted by drought and flooding. Indonesia's 2018/19 production is projected to increase 300,000 tons to 37.3 million tons based on a slightly higher yield. Rice area in Indonesia has remained quite stable since 2016/17. Thailand's 2018/19 total rice production is projected to increase 3 percent to a record 21.0 million tons based on increased double cropping, with total area projected at a record 11.05 million hectares.

Outside Asia, Madagascar's 2018/19 production is projected to increase 19 percent to 2.4 million tons due to expectations of a more normal yield after the 2017/18 drought-reduced crop and a slight increase in area. Sri Lanka's 2018/19 production is projected to increase 5 percent to 2.63 million tons, with both area and yield nearly recovered from 2 consecutive years of abnormally small crops severely hindered by drought and flooding, especially the 2016/17 crop. Finally, U.S. production is projected to increase 14 percent to 6.45 million tons due to a 12.5-percent area expansion reported in March by the Government and a small yield increase based on trend by class.

These expected production increases were partially offset by several reductions. First, China's 2018/19 production is projected to decline 1 percent from the 2017/18 record to 144.5 million tons, based on a small decline in area caused by reduced government minimum-purchase prices. Second, India's 2018/19 production is projected to drop 1.0 million tons to 109.0 million as yields return to trend. India's 2018/19 area is projected to increase 0.6 million hectares to 43.5 million hectares, assuming a normal monsoon. South Korea's production is projected to decline 3 percent to 3.85 million tons based on continued area decline. This is South Korea's smallest rice crop since 1968/69. Pakistan's 2018/19 rice production is projected to decline 0.1 million tons to 7.4 million tons based on a return to trend yield.

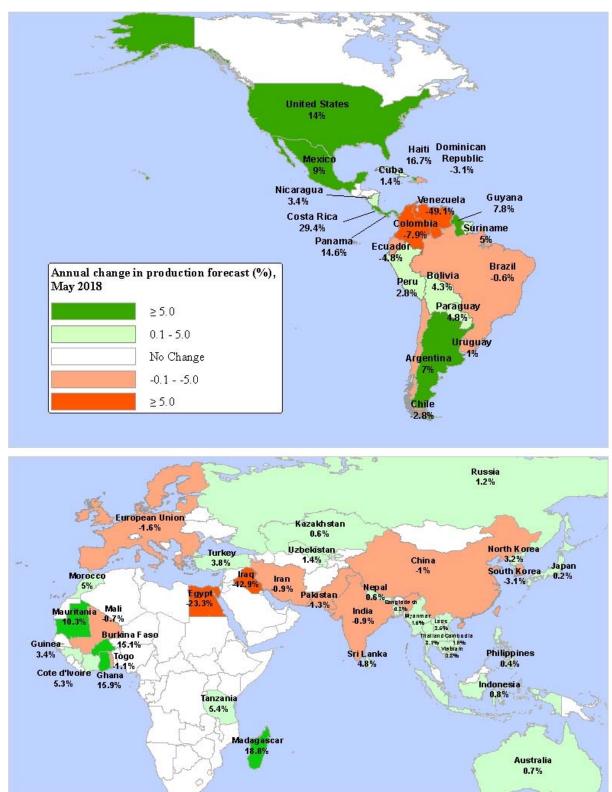
Outside Asia, Egypt's 2018/19 production is projected to decline 1.0 million tons to 3.3 million tons based on much stricter enforcement of area limits. This is Egypt's smallest crop since 2010/11 which coincided with the Arab Spring. Iraq's production is projected to decrease 43 percent to just 120,000 tons, due mostly to a 35-percent area contraction caused by reduced water availability. Colombia's 2018/19 production is projected to decline 8 percent to 1.64 million tons due to a 10.5 percent area decline due to lack of profitability for rice. Finally, Venezuela's 2018/19 production is projected to drop 49 percent to just 140,000 tons, the smallest since 1972/73 as area drops to just 70,000 hectares, the result of a devastating panicle blight disease affecting major rice growing regions and the lack of inputs to mitigate the disease.

Map 1: Production forecast for market year 2018/19, May 2018



Source: U.S. Dept. of Agriculture, Foreign Agricultural Service, Production, Supply and Distribution Database.

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



Source: U.S. Dept. of Agriculture, Foreign Agricultural Service, Production, Supply and Distribution Database.

Global rice consumption in 2018/19 is projected at a record 488.6 million tons, up 1.5 percent from a year earlier. China accounts for the largest share of the expected consumption increase. At a record 145.0 million tons, China's 2018/19 rice consumption is up 1.6 percent from a year earlier. Much of this increase is expected to be for feed, industrial, and processed uses, not for table rice. India's consumption is projected to increase 0.7 percent to 98.0 million tons, still slightly below record. Bangladesh, Indonesia, Nigeria, the Philippines, Vietnam, and the United States are all expected to increase rice consumption in 2018/19. In contrast, Thailand's 2018/19 rice consumption is projected to drop 10.5 percent to 10.0 million tons as sales of low-quality government stocks for feed and industrial uses are expected to be completed. Japan and South Korea are projected to continue their long-term rice consumption decline due to diet diversification and an aging population.

With production exceeding consumption for the 14th consecutive year, global ending stocks are projected to increase 0.9 million tons to 144.7 million tons, the highest since the 2000/01 record of 146.7. China accounts for the bulk of the increase in global stocks. At 97.3 million tons, China's 2018/19 ending stocks are 3.5 percent larger than a year earlier and just fractionally below the 1999/2000 record of 97.35 million tons. Bangladesh, Indonesia, the Philippines, Thailand, and the United States are projected to increase stocks in 2018/19. In contrast, India's ending stocks are projected to drop 10 percent to 18.0 million tons, still adequate for India's food security needs. The global stocks-to-use ratio is projected at 29.6 percent, virtually unchanged from a year earlier.

### Global Rice Trade Projected Record High in 2019

Global rice trade in 2019 is projected at a record 49.5 million tons, up 0.6 million from a year earlier and the third consecutive year of increasing global trade. On the 2019 export side, shipments are projected to be larger in 2019 from China, Paraguay, Thailand, the United States, and Venezuela, with Thailand's 0.5-million-ton increase to 10.5 million tons the largest. These export expansions are projected to be partially offset by reduced shipments from Brazil, Egypt, India, and Uruguay, with India's 0.2-million-ton decline to 13.0 million tons the largest reduction. Despite this expected reduction, India is projected to remain the largest rice exporter for the 8th consecutive year. Burma's 2018 and 2019 projected rice exports of 3.5 million tons exceed the previous record, achieved shortly before World War II began in the Pacific in late 1941.

On the 2019 import side, purchases in 2019 are projected larger than a year earlier for Benin, Cote d'Ivoire, Egypt, the European Union, Iraq, Nigeria, Senegal, and the United Arab Emirates. Nigeria's 0.4 million-ton increase in imports to 3.0 million tons is the largest projected import increase for 2019. These expected import increases will be partially offset by several reductions, with 2019 imports projected to decline for Bangladesh, Indonesia, Madagascar, the Philippines, and Venezuela. Bangladesh is expected to post the largest decline, with imports dropping 0.7 million tons to 1.1 million tons due to a substantial crop recovery. Indonesia's 2019 imports are projected to decline 0.6 million tons due to a slightly larger crop and adequate domestic supplies. U.S. 2019 imports are projected to remain at a record 825,000 tons.

In 2019, China is projected to remain the largest rice importing country, with imports projected at 5.5 million tons, unchanged from a year earlier but below the 2016 record of 5.9 million tons. Nigeria remains the second largest importer, followed by the European Union, which is projected to import a record 2.0 million tons of rice in 2019.

Several West African countries now import more than a million tons of rice a year, with Cote d'Ivoire projected to take a record 1.65 million in 2019 and Senegal projected to import 1.25 million tons. Both consumption and imports are increasing at a rapid pace in West Africa. Sub-Saharan Africa is projected to import a record 16.2 million tons of rice in 2019, up 6 percent from a year

earlier, making it again the largest importing region in the world. In Sub-Saharan Africa, production, consumption, and imports are all projected to be larger in 2019 than in 2018.

### Global Rice Trading Prices Increase on Stronger Demand

Price quotes for most grades of Thailand's regular milled white rice rose 1-2 percent over the past month, mostly due to large purchases by the Philippines and Indonesia. For the week ending May 7, Thailand's 100-percent grade B milled white rice was quoted at \$446 per ton, up \$6 from the week ending April 9. Prices for Thailand's lower quality 15-percent brokens were quoted at \$430 per ton for the week ending May 7, up \$10 from the week ending April 9. Prices for Thailand's premium jasmine rice—an aromatic—were quoted at \$1,115 per ton for the week ending May 7, up \$15 from the week ending April 9. All price quotes for Thailand's rice are from the *Weekly Rice Price Update* reported by the U.S. Agricultural Office in Bangkok.

Price quotes for Vietnam's rice increased 7 percent over the past month, also due to strong buying demand from Indonesia and the Philippines. For the week ending May 8, prices for Vietnam's 5-percent broken regular milled white rice were quoted at \$460 per ton, up \$30 from the week ending April 10. Vietnam's prices are now about \$20 per ton higher than for comparable grades of rice from Thailand. Vietnam's rice typically sells at \$30 to \$50 below comparable grades of Thailand's rice.

U.S. prices for long-grain milled rice have increased over the past month as well. For the week ending May 8, prices for high-quality U.S. Southern long-grain rice (No. 2, 4-percent brokens, bagged, free on board (fob) vessel, U.S. Gulfport) were quoted at \$620 per ton, up \$30 from the week ending April 10. The U.S. price difference over Thailand's 100-percent Grade B milled rice rose to \$174 per ton for the week ending May 8 from \$150 a month earlier. Prices for U.S. long-grain rough-rice (bulk, fob vessel, New Orleans) were quoted at \$330 per ton for the week ending May 8, unchanged from the week ending April 10.

Domestic price quotes in California also increased. California medium-grain milled rice (No. 1, 4-percent brokens, sacked, free on board, domestic mill) were quoted at \$948 per ton for the week ending May 8, up \$20 from the week ending April 10. In contrast, export prices for California medium-grain milled-rice (4-percent brokens, sacked, on board vessel in Oakland) were quoted at \$970 per ton for the week ending May 8, unchanged since the start of March. 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.

Price quotes for Vietnam's rice decreased 1 percent in March relative to the February average for 5-percent broken regular milled white rice. For the week ending April 2, Vietnam's 5-percent broken regular milled white rice was quoted at \$430 per ton, up \$5 from the week ending March 26 and up \$15 from the week ending March 5.

U.S. prices for long-grain milled rice are down slightly from a month earlier. For the week ending April 3, prices for high-quality U.S. Southern long-grain rice (No. 2, 4-percent brokens, bagged, free on board (fob) vessel, U.S. Gulfport) were quoted at \$590 per ton, down \$5 from the week ending March 6. The U.S. price difference over Thailand's 100-percent Grade B milled rice declined to \$150 per ton from \$181 in early March. Prices for U.S. long-grain rough-rice (bulk, fob vessel, New Orleans) were quoted at \$310 per ton for the week ending April 3, down \$5 from the week end March 6. The California medium-grain milled rice quote (No. 1, 4-percent brokens, sacked, free on board, domestic mill) for the week ending April 3 remained unchanged relative to the previous-month quote, at \$903 per ton. Export prices for California medium-grain milled-rice

(4-percent brokens, sacked, on board vessel in Oakland) were quoted at \$970 per ton for the week ending April 3, unchanged from last month's quote. 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*.

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### **Tables** Table 1--U.S. rice supply and use 1/ 2014/15 2017/18 2012/13 2013/14 2015/16 2016/17 2018/19 Item 2/ 2/ TOTAL RICE Million acres Area: Planted 2.490 2.954 2.690 2.700 2.625 3.150 2.463 Harvested 2.679 2.469 2.933 2.585 3.097 2.374 2.670 Pounds per harvested acre 7,237 Yield 7,463 7,694 7,576 7,472 7,507 7,610 Million cwt Beginning stocks 48.5 46.5 46.0 34.3 41.1 36.4 31.8 Production 199.9 190.0 222.2 193.1 224.1 178.2 203.2 **Imports** 24.1 23.5 26.0 26.0 21.1 23.1 24.6 Total supply 262.1 249.5 278.7 265.8 294.1 250.3 263.5 Food, industrial, & residual 3/ 116.9 122.0 131.8 109.9 129.4 117.9 N/A Seed 2.2 2.4 2.1 2.5 2.0 2.1 N/A Total domestic use 119.0 124.4 133.9 112.4 131.4 120.0 122.0

96.3

32.3

63.9

230.2

48.5

21.1

13.40

107.0

39.3

67.7

219.3

46.5

21.2

12.20

70.00

Percent

\$/cwt

Percent

116.7

42.5

74.2

248.0

46.0

18.6

10.40

70.00

96.0

31.0

65.0

216.0

34.3

15.9

12.40 to

12.80

70.00

101.0

34.0

67.0

223.0

40.5

18.1

11.90 to

12.90

70.00

**Exports** 

Rough

Total use

**Ending stocks** 

Average farm

price 5/

Average milling rate

Stocks-to-use ratio

Milled 4/

106.6

34.1

72.5

225.7

36.4

16.1

15.10

70.00

93.3

28.0

65.3

217.6

31.8

14.6

16.30

71.00

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 May 10, 2018.

70.50

Table 2U.S. rice supply and u	se, by class 1/					
Item	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
LONG ODAIN					2/	2/
LONG GRAIN:			Mil	lion acres		
Planted	1.781	2.211	1.879	2.442	1.811	
Harvested	1.767	2.196	1.848	2.403	1.748	
			Pounds	per harvested acı	re	
Yield	7,464	7,407	7,219	6,927	7,314	
				Million cwt		
Beginning stocks	21.9	16.2	26.5	22.7	31.0	20.4
Production	131.9	162.7	133.4	166.5	127.9	150.2
Imports	20.5	21.8	20.9	20.3	22.5	22.5
Total supply	174.2	200.6	180.7	209.4	181.4	193.1
Domestic use 3/	96.1	105.6	82.1	99.7	92.0	95.0
Exports	61.9	68.5	75.9	78.7	69.0	72.0
Total use	158.0	174.2	158.0	178.4	161.0	167.0
Ending stocks	16.2	26.5	22.7	31.0	20.4	26.1
				Percent		
Stocks-to-use ratio	10.3	15.2	14.4	17.4	12.6	15.6
				\$/cwt		
According forms wish 4/	45.40	44.00	44.00	0.04	11.60 to	11.00 to
Average farm price 4/	15.40	11.90	11.20	9.61	11.80	12.00
MEDIUM/SHORT GRAIN:			N	Million acres		
Planted	0.709	0.743	0.746	0.708	0.652	
Harvested	0.702	0.737	0.737	0.694	0.626	
			Pounds	per harvested ac	re	
Yield	8,270	8,080	8,107	8,311	8,048	
				Million cwt		
Beginning stocks	12.2	13.3	20.2	20.9	11.5	10.4
Production	58.1	59.6	59.7	57.7	50.4	53.0
Imports	2.6	2.9	3.3	3.2	3.5	3.5
Total supply 5/	72.9	76.1	82.2	81.8	65.4	66.9
Domestic use 3/	28.2	28.3	30.3	31.7	28.0	27.0
Exports	31.4	27.7	31.0	37.9	27.0	29.0
Total use	59.6	56.0	61.3	69.6	55.0	56.0
Ending stocks	13.3	20.2	20.9	11.5	10.4	10.9
				Percent		
Stocks-to-use ratio	22.4	36.0	34.1	16.5	18.9	19.4
				\$/cwt		
Average farm price						
U.S. average 4/ 6/	19.20	18.30	15.30	13.10	14.90 to	14.70 to
· ·	-	-	-	-	15.50	15.70
California 6/ 7/	20.70	21.60	18.10	14.10	16.20 to	16.50 to
					17.00	17.50
Other States 4/	15.70	14.40	11.20	10.10	11.90 to 12.10	11.20 to 12.20
Ending stocks	2.2	4.0	0.0	0.5		
Not available Cwt - bund	2.3	1.9	2.9	3.5	N/A	N/A

<sup>-- =</sup> Not available. Cwt = hundredweight. 1/ Stock totals by type omit brokens, which are included in total stocks for all types of rice in 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 import 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.

Last updated May 10, 2018.

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.

Table 3U.S. monthly average	farm prices and	marketings				
	2017	7/18	2010	6/17	201	5/16
Month	\$/cwt	1,000 cwt	\$/cwt	1,000 cwt	\$/cwt	1,000 cwt
August	11.30	10,242	11.70	8,327	12.00	11,079
September	11.60	10,418	10.60	10,006	11.90	12,368
October	11.90	14,075	10.40	15,659	12.10	16,336
November	12.80	14,073	10.50	15,632	12.40	13,433
December	12.30	15,622	10.50	18,014	12.80	14,754
January	12.80	21,545	10.90	19,681	13.30	17,810
February	12.60	13,157	10.10	16,073	12.10	14,857
March	12.70	13,658	10.10	18,776	11.80	13,562
April			10.10	18,353	11.50	13,889
May			10.20	16,874	11.70	13,754
June			10.20	15,444	11.70	12,159
July			10.80	14,096	12.10	13,103
Average price to date	12.34 1	/				
Season-average farm price	12.40-12.80		10.40		12.20	
Average marketings		14,099		15,578		13,925
Total volume marketed		112,790		186,935		167,104

Cwt = hundredweight. 1/ Weighted average.

Source: Monthly cash price and marketings, *Agricultural Prices, USDA,* National Agricultural Statistics Service. *Last updated May 10, 2018.* 

Table 4 U.S. monthly avera	ge farm prices an	d marketings by c	lass					
		Long-gra	in			Medium- and sh	ort-grain	
	2017	7/18	2016/	/17	2017/	18	2016/	17
Month	\$/cwt	1,000 cwt	\$/cwt	1,000 cwt	\$/cwt	1,000 cwt	\$/cwt	1,000 cwt
August	10.60	8,457	10.60	6,240	14.90	1,785	14.70	2,087
September	11.20	8,451	9.95	7,590	13.80	1,967	12.70	2,416
October	11.20	10,036	9.65	11,847	13.70	4,039	12.70	3,812
November	11.40	9,317	9.62	11,798	15.50	4,756	13.30	3,834
December	11.60	11,355	9.69	13,484	14.20	4,267	12.90	4,530
January	11.80	13,597	9.66	13,063	14.50	7,948	13.30	6,618
February	11.90	9,973	9.41	12,831	14.80	3,184	12.60	3,242
March	11.90	10,966	9.41	14,494	15.60	2,692	12.40	4,282
April			9.20	14,382			13.20	3,971
May			9.38	13,276			13.40	3,598
June			9.54	12,720			13.40	2,724
July			10.00	11,107			13.70	2,989
Average to date 1/	11.49				14.61			
Season-average farm price	11.60-11.80		9.61		14.90-15.50 2/		13.10	
Average marketings		10,269		11,903		3,830		3,675
Total volume marketed		82.152		142,832		30.638		44,103

Total volume marketed 82,152 142,832

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 May 10, 2018.

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

	Californi	a		Other States 2/			
Month	2017/18	2016/17	Month	2017/18	2016/17		
	\$/cw	⁄t		\$/cw	t		
October November December January February March April May June July August	15.20 16.50 15.20 15.60 17.30 17.90	14.00 14.10 13.90 14.00 13.90 13.10 14.00 14.10 14.30 14.50 15.50	August September October November December January February March April May June	11.00 11.20 11.30 11.60 11.80 11.80 12.60 12.30	10.00 9.52 10.40 9.41 10.50 10.30 9.93 10.20 10.10 10.10 10.40		
September Simple average to date	16.28	15.10	July	11.70	10.70		
Market-year average	16.20-17.00 3/	14.10		11.90-12.10 3/	10.10		

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 May 10, 2018.

Table 6USDA-calculate	Table 6USDA-calculated world market rice prices (rough basis) 1/											
	2017	/18	2016	5/17	201	5/16						
		Medium/		Medium/		Medium/						
Month	Long-grain	short-grain	Long-grain	short-grain	Long-grain	short-grain						
			\$/cw	rt								
August	9.61	9.96	9.27	9.48	9.31	9.56						
September	9.72	10.07	8.66	8.86	9.21	9.46						
October	9.73	10.08	8.43	8.62	9.42	9.68						
November	9.75	10.10	8.39	8.58	9.53	9.79						
December	9.86	10.22	8.46	8.65	9.42	9.68						
January	10.39	10.77	8.55	8.74	9.18	9.43						
February	10.45	10.79	8.59	9.01	9.33	9.40						
March	10.28	10.63	8.60	9.02	9.22	9.30						
April	10.70	11.06	8.65	9.07	9.40	9.48						
May 2/	11.08	11.45	9.08	9.54	9.61	9.70						
June			9.98	10.48	9.88	9.97						
July			9.99	10.50	10.03	10.13						
Market-year												
average 1/	10.16	10.51	8.89	9.21	9.46	9.63						

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

2/ 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 May 10, 2018.

Table 7U.S. rice imports 1/								
Country or	2011/12 market	2012/13 market	2013/14 market	2014/15 market	2015/16 market	2016/17 market	2016/17 through	2017/18 through
region	year	year	year	year	year	year	March 3/	March 3/
		1,000 tons					1	
ASIA	541.5	624.8	647.1	703.1	676.8	692.8	465.1	511.8
China	3.6	2.7	3.2	4.8	3.9	4.0	2.6	11.8
India	110.5	129.3	138.8	128.7	166.6	150.0	97.5	119.5
Pakistan	15.2	17.7	26.6	25.2	27.6	21.0	13.6	13.1
Thailand	387.6	393.8	428.6	472.2	437.3	482.3	326.4	350.8
Vietnam	21.7	77.8	45.4	67.5	35.6	29.0	21.1	12.5
Other	2.8	3.6	4.5	4.9	5.7	6.5	4.0	4.2
EUROPE & FORMER SOVIET UNION	14.3	12.0	12.0	14.5	16.3	17.7	11.3	11.1
Italy	5.2	7.5	8.2	9.0	9.5	11.7	7.2	7.6
Spain	4.7	2.3	1.2	1.8	2.1	1.7	1.2	2.6
Russia	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
United Kingdom	0.0	0.1	0.5	2.3	3.2	2.8	1.9	0.4
Other	4.3	2.1	2.0	1.4	1.5	1.4	0.9	0.5
WESTERN HEMISPHERE	64.5	35.9	41.0	47.1	76.6	36.3	25.0	38.1
Argentina	3.4	5.5	4.0	5.4	5.9	4.9	3.5	3.3
Brazil	30.5	5.0	14.4	16.5	51.8	15.2	11.1	22.9
Canada	16.3	12.1	13.8	11.5	10.5	11.8	7.3	9.8
Mexico	1.1	1.0	1.2	1.2	2.0	2.0	1.2	1.2
Uruguay	13.2	12.3	5.3	6.2	3.2	0.9	0.5	0.6
Other	0.0	0.1	2.3	6.3	3.2	1.5	1.4	0.2
OTHER	1.0	1.9	40.3	24.7	3.0	3.7	2.0	1.7
Egypt	0.0	0.6	0.0	0.1	0.4	0.0	0.0	0.0
United Arab Emirates	0.5	0.4	1.0	0.9	0.6	2.5	1.3	0.6
Australia	0.0	0.4	37.4	23.1	1.0	0.6	0.4	0.7
Other	0.4	0.4	1.9	0.6	0.0	0.6	0.3	0.4
TOTAL	621.2	674.6	740.4	789.4	772.7	750.5	503.5	562.8

<sup>1/</sup> Total August-July imports reported by the U.S. Census Bureau. 2/ Through August only.
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 May10, 2018.

88.6 90.3 52.2 37.7 30.6 26.8 18.6 11.0 13.5 18.2 2 19.0 2.5 1.6 2.0 2.5 1.6 2.0 2.5 1.6 2.0 2.0 2.5 1.6 2.0 2.0 2.5 2.0 2.0 2.5 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0
8 FSU       98.3       101.7       61.3       41.7       38.1       30.2       22.2       14.0       16.9       20.8         an Union       88.6       90.3       52.2       37.7       30.6       26.8       18.6       11.0       13.5       18.2         urope       2.6       5.3       5.5       1.1       2.9       2.3       2.5       2.0       2.5       1.8         Soviet Union (FSU)       7.1       6.1       3.6       2.9       4.6       1.1       1.1       1.0       0.9       0.8         AST ASIA       571.3       473.6       592.3       561.4       474.6       464.1       608.3       690.3       672.2       506.9         ong       1.1       0.6       2.6       6.2       6.2       0.3       1.1       13.2       10.2       9.4         orea       388.9       355.3       375.5       347.6       364.2       307.7       429.6       428.8       406.4       376.4         orea       79.4       100.6       148.6       145.1       72.1       123.5       132.6       220.8       220.7       88.2         101.9       17.1       65.6       62.5 <td< th=""></td<>
8 FSU       98.3       101.7       61.3       41.7       38.1       30.2       22.2       14.0       16.9       20.8         an Union       88.6       90.3       52.2       37.7       30.6       26.8       18.6       11.0       13.5       18.2         urope       2.6       5.3       5.5       1.1       2.9       2.3       2.5       2.0       2.5       1.8         Soviet Union (FSU)       7.1       6.1       3.6       2.9       4.6       1.1       1.1       1.0       0.9       0.8         AST ASIA       571.3       473.6       592.3       561.4       474.6       464.1       608.3       690.3       672.2       506.9         ong       1.1       0.6       2.6       6.2       6.2       0.3       1.1       13.2       10.2       9.4         388.9       355.3       375.5       347.6       364.2       307.7       429.6       428.8       406.4       376.4         orea       79.4       100.6       148.6       145.1       72.1       123.5       132.6       220.8       220.7       88.2         101.9       17.1       65.6       62.5       32.1 <th< th=""></th<>
an Union urope       88.6       90.3       52.2       37.7       30.6       26.8       18.6       11.0       13.5       18.2         urope       2.6       5.3       5.5       1.1       2.9       2.3       2.5       2.0       2.5       1.8         Soviet Union (FSU)       7.1       6.1       3.6       2.9       4.6       1.1       1.1       1.0       0.9       0.8         AST ASIA       571.3       473.6       592.3       561.4       474.6       464.1       608.3       690.3       672.2       506.9         ong       1.1       0.6       2.6       6.2       6.2       0.3       1.1       13.2       10.2       9.4         388.9       355.3       375.5       347.6       364.2       307.7       429.6       428.8       406.4       376.4         orea       79.4       100.6       148.6       145.1       72.1       123.5       132.6       220.8       220.7       88.2         101.9       17.1       65.6       62.5       32.1       32.6       45.0       27.5       34.9       32.9
Soviet Union (FSU)     2.6     5.3     5.5     1.1     2.9     2.3     2.5     2.0     2.5     1.8       SAST ASIA     7.1     6.1     3.6     2.9     4.6     1.1     1.1     1.0     0.9     0.8       SAST ASIA     571.3     473.6     592.3     561.4     474.6     464.1     608.3     690.3     672.2     506.9       ong     1.1     0.6     2.6     6.2     6.2     0.3     1.1     13.2     10.2     9.4       388.9     355.3     375.5     347.6     364.2     307.7     429.6     428.8     406.4     376.4       orea     79.4     100.6     148.6     145.1     72.1     123.5     132.6     220.8     220.7     88.2       101.9     17.1     65.6     62.5     32.1     32.6     45.0     27.5     34.9     32.9
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388.9 355.3 375.5 347.6 364.2 307.7 429.6 428.8 406.4 376.4 79.4 100.6 148.6 145.1 72.1 123.5 132.6 220.8 220.7 88.2 101.9 17.1 65.6 62.5 32.1 32.6 45.0 27.5 34.9 32.9
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15.9 13.6 21.9 0.0 1.0 0.0 0.0 0.0 0.0 0.0
267.0 200.3 189.8 75.4 219.5 106.9 22.4 130.0 129.8 0.6
Asia, Oceania, and Middle East 32.3 36.6 35.6 27.4 30.3 18.6 21.9 35.4 31.1 10.5
117.4 432.4 179.6 249.1 110.8 128.0 91.4 147.9 151.2 57.8
6.9 1.9 0.0 0.0 0.0 0.0 0.0 3.0 3.0 0.0
43.7 100.2 94.0 112.1 41.7 29.8 0.0 4.2 4.2 6.3
Conakry 4.8 5.0 11.0 4.4 3.6 4.1 3.1 3.4 3.5 1.3
8.4 38.5 26.7 15.5 6.3 0.5 1.8 4.4 8.0 11.9
1.1 152.9 24.8 89.5 47.8 93.2 86.2 85.1 85.1 38.1
36.6 52.1 6.1 18.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
0.0 49.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
frica 0.5 1.1 0.5 0.9 0.8 0.1 0.2 0.2 0.1 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
frica 15.4 7.0 16.5 8.3 10.6 0.4 0.1 47.6 47.3 0.0
N HEMISPHERE 2,142.9 2,058.3 1,785.0 2,110.9 1,811.2 2,176.0 2,150.6 2,198.1 1,915.4 1,738.7
6.1 6.3 6.3 6.0 6.1 4.9 4.0 3.0 3.5
15.4 20.0 0.1 0.1 0.1 0.1 0.0 0.0 0.0 0.0 10.0
166.8 148.6 147.7 145.8 138.6 139.3 151.1 125.1 112.4 104.2 0.2 0.2 0.1 150.1 138.9 285.3 159.2 104.5 90.1 143.4
ia 0.2 0.2 0.1 150.1 138.9 285.3 159.2 104.5 90.1 143.4 ica 124.8 69.7 58.1 75.3 63.1 91.3 79.4 58.8 60.4 60.1
an Republic 25.2 7.0 8.9 1.7 7.9 6.5 15.0 36.6 36.5 15.1
dor 78.5 77.0 76.5 83.8 70.1 76.4 89.6 67.4 51.2 73.8
ala 72.6 69.4 81.4 77.6 81.5 75.3 113.1 118.6 90.5 101.6
226.5 248.9 233.4 342.0 323.9 362.1 403.0 423.7 381.1 376.3
119.3 136.8 140.0 122.4 142.4 132.0 151.8 152.2 142.8 148.4
20.2 25.5 11.6 1.2 1.2 1.2 1.2 0.0 0.4 0.6
d & Windward Islands 8.3 9.4 10.2 2.9 1.6 0.5 0.7 0.7 0.7 0.7
775.1 848.5 803.7 749.5 690.7 716.7 618.7 709.3 639.8 519.2
ands Antilles 5.2 4.8 4.7 4.7 4.6 4.3 4.1 2.9 2.1 2.4
ua 147.0 142.2 40.6 39.9 10.3 2.0 0.0 6.1 6.1 10.2
104.0 88.2 59.7 39.3 24.1 45.8 67.8 65.5 56.5 40.5
ela 241.8 149.6 94.1 262.5 98.9 223.9 287.7 318.9 240.0 137.6
/estern Hemisphere         5.9         6.2         7.9         5.8         7.3         7.2         3.3         3.8         1.4         1.1
VN 0.0 0.0 0.0 0.0 0.0 21.9 0.0 0.0 23.7 0.0
3,681.4 3,707.7 3,118.0 3,426.7 3,040.7 3,267.0 3,359.6 3,519.6 3,187.6 2,608.0

<sup>1/</sup> Total August-July marketing year commercial shipments. 2/ Total commercial shipments and outstanding sales. Source: U.S. Export Sales, USDA, Foreign Agricultural Service.

Last updated May 10, 2018.

Table 9U.S., Thail	and, and Vietnar							
Month or	Southern	United States Southern	California		Thaila	nd 5/		Vietnam 7/
market-	long-grain	long-grain	medium-grain	100%	5%	15%	A.1 6/	5%
year 1/	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
Aug. 2013	609	386	690	493	507	430	428	391
Sep. 2013 Oct. 2013	608 601	385 380	660 631	461 445	462 450	418 399	416 391	363 395
Nov. 2013	591	380	625	433	449	399 395	385	403
Dec. 2013	595	380	625	428	449	394	370	427
Jan. 2014 Feb. 2014	590 579	380 380	625 NQ	418 423	442 447	360 370	310 313	404 398
Mar. 2014	579 584	380	1,100	423 416	431	377	314	388
Apr. 2014	584	380	1,075	401	409	373	306	385
May 2014 June 2014	584 577	380 380	1,075 1,075	399 405	403 416	368 372	303 321	403 406
July 2014	557 557	365	1,075	405 421	429	NQ	333	431
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 NO	330	440
Nov. 2014	530 530	308	940	434	419	NQ 403	332	420
Dec. 2014 Jan. 2015	520 507	303 284	932 913	424 423	411 410	403 403	326 326	392 374
Feb. 2015	481	284 263	913 888	423 421	410 410	403	326	374 355
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 Oct. 2015	565 576	311 313	835 835	366 373	356 362	341 355	318 NQ	329 364
Nov. 2015	549	295	825	373 371	358	350 350	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	790 740	379	371	362	NQ NO	381
Apr. 2016 May 2016	509 510	263 281	719 685	385 410	376 410	371 388	NQ NQ	374 376
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	575 575	382	373	355	NQ NO	340
Feb. 2017 Mar. 2017	460 460	245 244	575 575	376 377	369 367	349 348	NQ NQ	353 357
Apr. 2017	465	241	575 591	384	375	3 <del>4</del> 6	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 9/	474	254	611	394	387	368	NQ	357
August 2017	543	300	725	406	405	373	NQ	400
September 2017	548	305	748	413	414	380	NQ	389
October 2017	563	316	818	403	407	370	NQ	396
November 2017	565 573	315	848	404	405	374	NQ NO	403
December 2017 January 2018	573 585	315 297	848 868	410 433	408 429	383 413	NQ NQ	390 417
February 2018	590	300	885	433 422	429 414	394	NQ	417
March 2018	593	311	903	420	411	396	NQ	419
April 2018 8/	590	325	932	442	432	425	NQ	435
May 2018 9/	620	330	948	446	435	430	NQ	453
2017/18 9/	577	311	852	420	416	394	NQ	413

NQ = No quotes. NA = Not available. 1/ Simple average of weekly quotes.

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 $<sup>\</sup>label{eq:market_problem} \mbox{Market year average prices are simple average of monthly prices.}$ 

<sup>2/</sup> 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.

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

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

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

free on board vessel, Ho Chi Minh City. 8/ Revised. Please note previous months' revisions 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).

Table 10Global rice pro			2017/	18 2/			2018/		
Country	2016/17	April 2018	May 2018	Monthly revisions	Annual changes	April 2018	May 2018	Monthly revisions	Annual changes
				1,0	000 metric tons				
Afghanistan	325	325	325	0	0		325		C
Argentina	863	790	790	0	-73		845		55
Australia	586	576	576	0	-10		580		4
Bangladesh	34,578	32,650	32,650	0	-1,928		34,700		2,050
Brazil	8,383	8,075	8,075	0	-308		8,024		-51
Burma	12,650	13,200	13,200	0	550		13,400		200
Cambodia	5,256	5,000	5,399	399	143		5,500		101
China	144,953	145,989	145,989	0	1,036		144,500		-1,489
Colombia	1,718	1,780	1,780	0	62		1,640		-140
Cote d'Ivoire	1,335	1,430	1,377	-53	42		1,450		73
Cuba	335	370	370	0	35		375		5
Dominican Republic	575	588	588	0	13		570		-18
Ecuador	800	882	882	0	82		840		-42
Egypt	4,800	4,300	4,300	0	-500		3,300		-1,000
European Union	2,078	2,090	2,037	-53	-41		2,004		-33
Ghana	413	519	440	-79	27		510		70
Guinea	1,435	1,386	1,451	65	16		1,500		49
Guyana	560	603	603	0	43		650		47
India	109,698	110,000	110,000	0	302		109,000		-1,000
Indonesia	36,858	37,000	37,000	0	142		37,300		300
Iran	1,663	1,782	1,716	-66	53		1,700		-16
Iraq	121	173	210	37	89		120		-10
Japan	7,780	7,590	7,586	-4	-194	<del></del>	7,600		14
Korea, North	1,600	1,550	1,550		-19 <del>4</del> -50		1,600		50
Korea, North Korea, South	4,197	3,972	3,972	0	-50 -225		3,850		-122
Laos	1,950	2,000	2,000	0	-225 50	<del></del>	2,050	<u></u>	-122 50
Liberia	195	170	189	19	-6		189	<u></u>	0
	2,442	2,048	2,048				2,432		_
Madagascar	1,820	2,048 1,820	1,820	0	-394		1,820		384
Malaysia Mali	1,808	1,735	1,820	0	0		1,885		0
Mali	175	1,733	1,899	164	91		205		-14
Mexico	213	234	234	0	13 21	<del></del>	234		17
Mozambique	3,480	3,250	3,310	0 60	-170		3,330		0
Nepal	3,780	3,654	3,780				3,780		20
Nigeria	6,849	3,654 7,500	3,780 7,500	126	0		7,400		0
Pakistan	502	7,500 643	7,500 643	0	651	 	7, <del>4</del> 00 674		-100
Paraguay	2,185			0	141		2,180		31
Peru	11,686	2,120 12,300	2,120 12,300	0	-65		12,350		60
Philippines	703	642	642	0	614	 	650		50
Russia	703			0	-61		756		8
Sierra Leone	1,997	756	756	0	25		2,631		0
Sri Lanka	1,144	2,511	2,511	0	514				120
Taiwan -		1,144	1,138	-6	-6		1,138		0
Tanzania	1,848	1,848	1,848	0	0		1,947		99
Thailand	19,200	20,370	20,370	0	1,170		21,000		630
Turkey	500	520	520	0	20		540 450		20
Uganda	152	150	159	9	7		159		0
United States	7,117	5,659	5,659	0	-1,458		6,452		793
Uruguay	987	872	896	24	-91		887		-9
Venezuela	305	265	275	10	-30		140		-135
Vietnam	27,400	28,450	28,580	130	1,180		28,675		95
Subtotal	482,729	483,469	484,251	782	1,522		485,387		1,226
Others	3,940	3,993	3,978	-15	38		4,113		135
World total	486,669	487,462	488,229	767	1,560		489,500		1,271

-- 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 May10, 2018.

			2018	8 1/			2019	9 1/	
		April	May	Monthly	Annual	April	May	Monthly	Annual
Country	2017	2018	2018	revisions	changes	2018	2018	revisions	changes
				1,000 met	ric tons (milled	basis)			
Argentina	392	400	400	0	8		400		C
Australia	187	325	325	0	138		325		C
Brazil	594	750	750	0	156		700		-50
Burma	3,350	3,500	3,500	0	150		3,500		(
Cambodia	1,150	1,250	1,250	0	100		1,300		50
China	1,173	1,600	1,600	0	427		1,800		200
Cote d'Ivoire	30	30	30	0	0		30		C
Egypt	100	50	50	0	-50		20		-30
European Union	369	280	300	20	-69		300		C
Guinea	80	80	80	0	0		80		C
Guyana	440	460	460	0	20		470		10
India	12,560	13,200	13,200	0	640		13,000		-200
Japan	50	50	50	0	0		50		C
Kazakhstan	50	60	60	0	10		50		-10
Mexico	90	90	90	0			90		
Pakistan	3,642	4,000	4,000	0	358		4,000		C
Paraguay	500	520	550	30	50		650		100
Peru	100	100	100	0	0		50		-50
Russia	175	160	160	0	-15		170		10
Senegal	10	10	10	0	0		10		C
South Africa	109	120	120	0	11		150		30
Surinam	90	45	95	50	5		100		5
Tanzania	40	30	30	0	-10		50		20
Thailand	11,615	10,500	10,500	0	-1,115		11,000		500
Turkey	56	55	55	0	· -1		60		5
Uganda	40	40	40	0	0		40		C
United States	3,384	3,150	3,150	0	-234		3,300		150
Uruguay	1,051	810	860	50	-191		800		-60
Venezuela	40	30	40	10	0		0		-40
Vietnam	6,488	6,700	6,800	100	312		6,800		C
Subtotal	47,955	48,395	48,655	260	700		49,295		640
Other	137	241	255	14	118		211		(44)
World total	48,092	48,636	48,910	274	818		49,506		596
U.S. Share	7.0%	7.1%	6.4%				6.7%		

<sup>--</sup> 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 May 10, 2018.

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

	<del></del> .			8 1/			2019		
Country	May	April	May	Monthly	Annual	April	May	Monthly	Annual
Country	2017	2018	2018	revisions 1.000	changes tons (milled basis	2018 s)	2018	revisions	changes
Afghanistan	370	450	450	0	80		475		25
Australia	164	155	155	0	-9	<u></u>	160		
Bangladesh	2,348	1,800	1,800	0	-548	<u></u>	1,100		-700
Brazil	768	600	650	50	-118	<u></u>	700		50
Cameroon	600	575	650	75	-116 50	<u></u>	700		50
Canada	364	370	370	0	6	<u></u>	380		10
China	5,900	5,500	5,500	0	-400	<u></u>	5,500		(
Colombia	110	110	110	0	0	<u></u>	150		4(
Costa Rica	204	170	170	0	-34	<u></u>	160		-1(
Cote d'Ivoire	1,350	1,500	1,500	0	150	<u></u>	1,650		150
Cuba	430	540	540	0	110	<u></u>	550		100
Egypt	90	50	50	0	-40		200		150
European Union	1,985	1,900	1,900	0	-40 -85	<u></u>	2,000		100
Ghana	650	700	700	0	-63 50		680		
Guinea	700	800	700	-25	50 75		800		-20
Haiti	542	540	773 540				560		25
Haiti Honduras	105	150	140	0 -10	-2 35		150		20 10
	334	345	345		აი 11		345		
Hong Kong	350	1,300	1,800	0		 	1,200		0
Indonesia	1,500		1,300	500	1,450	 	1,400		-600
Iran	1,060	1,300	-	0	-200	 	1,400	 	100
Iraq	679	1,100	1,100	0	40		685		50
Japan	220	685	685	0	6		230		0
Jordan	90	220	220	0	0		230 80		10
Korea, North		80	80	0	-10				0
Korea, South	412	410	410	0	-2		410		0
Liberia	370	400	400	0	30		430		30
Libya	200	250	250	0	50		260		10
Madagascar	680	500	500	0	-180		300		-200
Malaysia	900	900	900	0	0		1,000		100
Mexico	910	860	860	0	-50		880		20
Mozambique	710	700	725	25	15		750		25
Nicaragua	87	75	75	0	-12		85		10
Niger	300	320	310	-10	10		320		10
Nigeria	2,500	2,600	2,600	0	100		3,000		400
Philippines	1,200	1,400	1,400	0	200		1,100		-300
Russia	242	260	260	0	18		260		0
Saudi Arabia	1,195	1,300	1,250	-50	55		1,300		50
Senegal	1,100	1,100	1,150	50	50		1,250		100
Sierra Leone	390	475	475	0	85		500		25
Singapore	323	325	325	0	2		330		5
South Africa	1,054	1,000	1,000	0	-54		1,000		0
Sri Lanka	750	500	400	-100	-350		400		0
Syria	150	140	140	0	-10		140		0
Taiwan	113	126	120	-6	7		120		0
Thailand	250	250	250	0	0		250		C
Turkey	300	350	350	0	50		350		C
United Arab Emirates	750	825	825	0	75		900		75
United States	787	775	825	50	38		825		C
Venezuela	330	330	390	60	60		300		-90
Vietnam	500	400	400	0	-100		400		C
Yemen	390	410	410	0	20		420		10
Subtotal	37,806	37,921	38,530	609	724		38,285		-245
Other countries 2/	10,286	10,715	10,380	-335	94		11,221		841
NA	40.555	40.000	40.615	:	2:5		40 ====		===
World total	48,092	48,636	48,910	274	818		49,506		596

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

Source: Production, Supply, & Distribution Online Data Base, USDA, Foreign Agricultural Service, http://www.fas.usda.gov/psdonline/psdHome.aspx. Last updated May 10, 2018.

<sup>-- =</sup> Not reported. 1/ Projected. 2/ Includes unaccounted imports (imports not assigned a particular market).