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# Rice Outlook

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## In this report:

- [Domestic Outlook](#)
- [International Outlook](#)

## U.S. 2018/19 Crop Forecast Raised 4 Percent

There were several revisions this month to the U.S. 2018/19 rice balance sheet. On the supply side, beginning stocks were decreased 5.4 million cwt to 29.4 million cwt based on data from the August *Rice Stocks*. The 2018/19 U.S. crop forecast was increased 4 percent to 219.5 million cwt mostly due to a larger area estimate reported by NASS. On balance, these supply-side revisions increased the 2018/19 total supply forecast 1 percent to 275.9 million cwt, up 10 percent from 2017/18. On the use side, total domestic and residual use was increased 2.0 million cwt to 133.0 million cwt. Although total exports remain forecast at 98.0 million cwt, there was a 1.0-million cwt switch from rough-rice exports to milled-rice exports, and 1.0-million cwt switch from medium- and short-grain exports to long-grain exports. Combined, these supply and use revisions increased the 2018/19 ending stocks forecast to 44.9 million cwt, up 53 percent from a year earlier. The season-average farm price forecasts for 2018/19 were lowered for both classes of rice in both regions.

In the global rice market, the 2018/19 production forecast was lowered 0.4 million tons to 487.2 million tons, more than 1 percent below the year earlier record. Production forecasts for 2018/19 were lowered for China, Bangladesh, Peru, the Philippines, and Guyana, but raised for India, Japan, and the United States. The 2018/19 global consumption forecast was raised 0.6 million tons to a record 488.4 million tons, with India, Japan, and Burma accounting for most of the upward revision. The 2018/19 global ending stocks forecast was raised 0.8 million tons to 144.4 million tons, down 1.2 million tons from 2017/18 and the first decline since 2006/07. Global trade is projected at a record 49.7 million tons, up 0.3 million tons from the previous forecast. Export forecasts for Brazil and India were increased this month, while Burma's export forecast was lowered. Thailand and Vietnam's trading prices changed little over the past month while U.S. export prices for both classes of rice declined.

# Domestic Outlook

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## U.S. 2018/19 Rice Production Forecast Raised 4 Percent...

The 2018/19 U.S. rice production forecast was increased 8.6 million cwt to 219.5 million cwt due to a higher area estimate and a slightly stronger yield. Production is up 23 percent from a year earlier, mostly due to a substantial increase in plantings. Long-grain 2018/19 production is forecast at 159.5 million cwt, up 5.8 million cwt from the previous forecast. Combined medium- and short-grain production is forecast at 60.0 million cwt, up 2.9 million cwt from the previous forecast and 19 percent larger than the 2017/18 crop.

At 2.9 million acres, 2018/19 harvested area is up 3.5 percent from the previous estimate and 22 percent larger than a year earlier. This month's upward revision in 2018/19 U.S. rice plantings was largely based on FSA certified acreage data. Planting estimates were raised this month for Arkansas, California, Louisiana, and Missouri; but lowered for Mississippi and Texas. Arkansas accounted for about half the 103,000-acre increase in the 2018/19 planting estimate, with long-grain accounting for the bulk of the upward revision. Medium- and short-grain planting estimates were increased in both California and the South, with Louisiana reporting the largest increase. Downward revisions for Mississippi and Texas' plantings were small and all for long-grain.

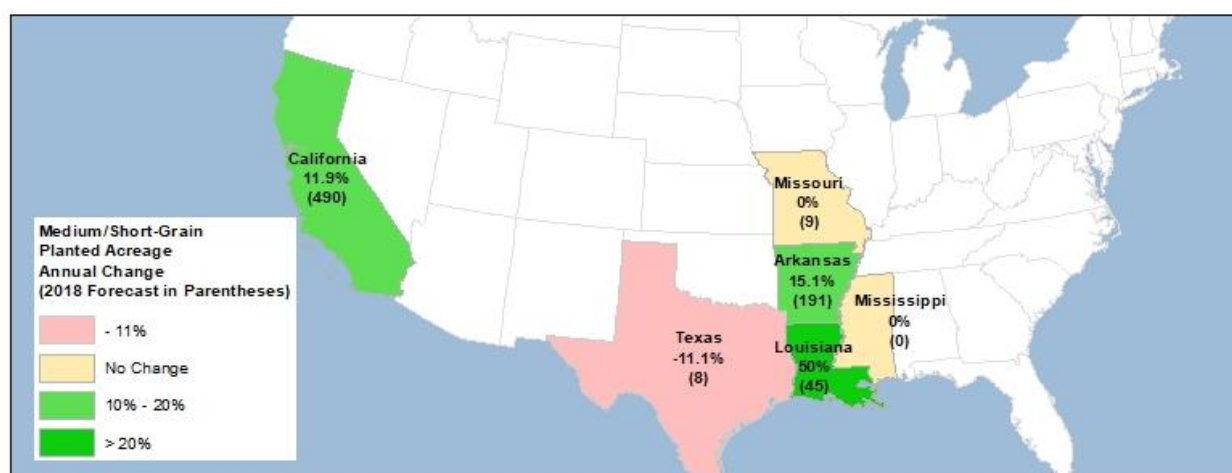
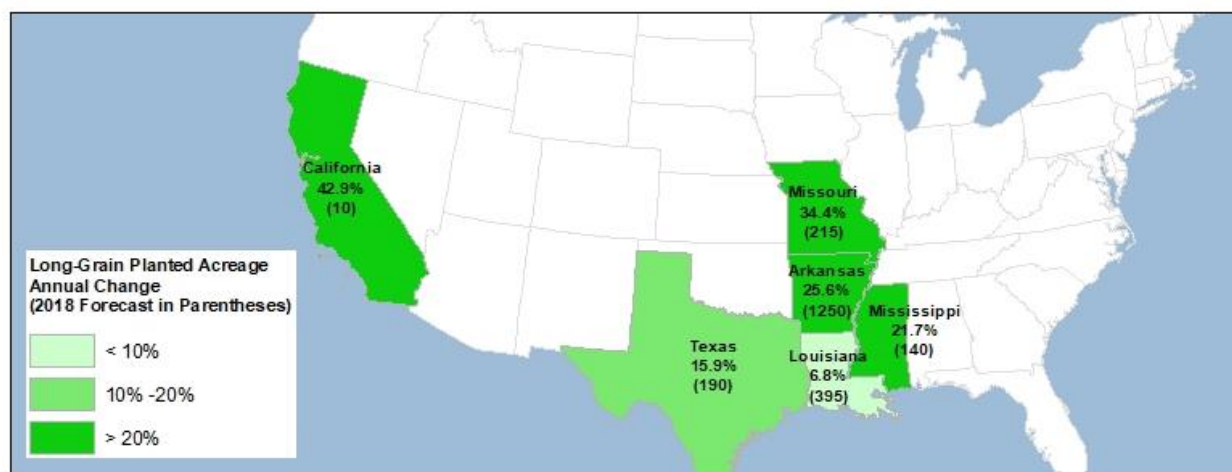
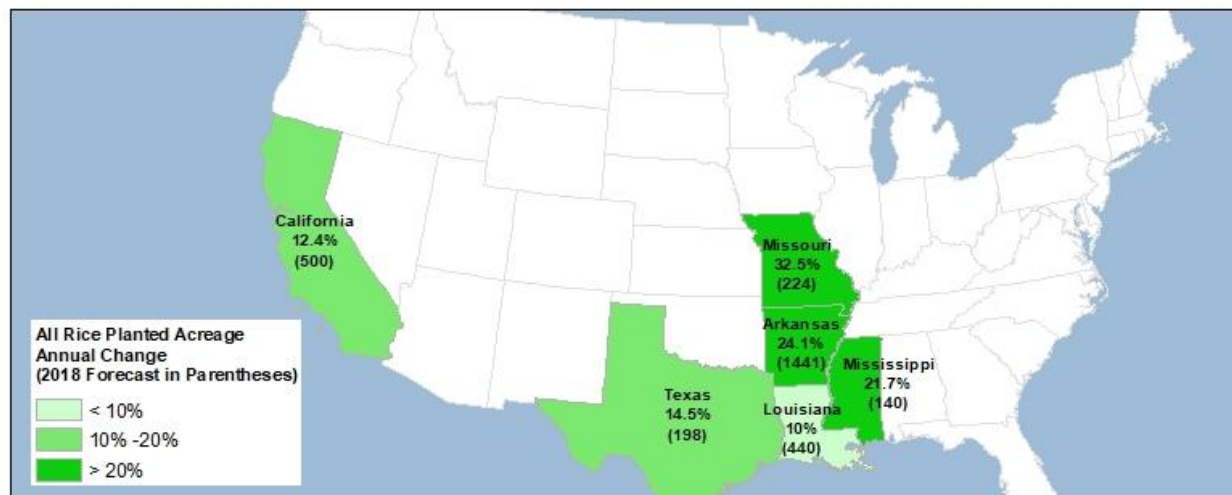
At 7,563 pounds per acre, the 2018/19 field yield is 40 pounds above the previous forecast and 56 pounds above a year earlier. Despite this month's upward revision, the 2018/19 yield remains forecast below the 2013/14 U.S. record of 7,694 pounds per acre. Yield forecasts were raised this month for California, Louisiana, and Texas; but unchanged in Arkansas, Mississippi, and Missouri. The Texas yield was increased 200 pounds per acre, while the California and Louisiana yields were each raised 100 pounds.

Production forecasts for 2018/19 were raised this month for Arkansas, Louisiana, California, and Missouri; lowered for Mississippi; and nearly unchanged for Texas. Arkansas accounted for 40 percent of this month's 8.6-million cwt increase in the U.S. 2018/19 production forecast. Missouri's 2018/19 crop forecast was increased 13 percent and Louisiana's raised 9 percent this month. Percentage increases in Arkansas and California's crops were 3-4 percent, while Mississippi's production forecast was lowered 7 percent.

## ...Production Projected Higher in All Reported States

Rice harvested area is projected to be higher than a year ago in all reported States, with Arkansas accounting for 60 percent of the 528,000-acre expansion. At 1.42 million acres, Arkansas' 2018/19 estimated harvested area is up 29 percent from a year earlier, with long-grain accounting for the bulk of the expected expansion. Mississippi's 2018/19 harvested area is estimated at 434,000 acres, up 22 percent from a year earlier. Long-grain accounts for all of the State's rice production. Texas harvested area is forecast at 192,000 acres, up 21.5 percent from a year earlier, with long-grain accounting for all of the increase and most of the State's rice area. Harvested area in Missouri is forecast at 219,000 acres, an increase of 37 percent from a year earlier, with long-grain accounting for all of the increase and the bulk of the State's rice production. In Louisiana, harvested area is projected to increase 10 percent to 496,000 acres, with both long-grain and medium-grain area higher. Long-grain typically accounts for more than 90 percent of Louisiana's rice acreage. At 496,000 acres, California's 2018/19 rice harvested area is 12 percent larger than a year earlier, with medium- and short-grain accounting for almost all of both the expansion and the State's rice acreage.

Map 1: U.S. planted-acreage forecast for market year 2018/19, September 2018



Source: Created by the U.S. Dept. of Agriculture Economic Research Service with data from U.S. Dept. of Agriculture, National Agricultural Statistic Service.

Yields in 2018/19 are forecast higher than a year earlier in California and Louisiana; lower than a year earlier in Mississippi, Missouri, and Texas; and nearly unchanged in Arkansas. At 7,000 pounds per acre, Louisiana's 2018/19 average rice yield is up 4 percent from a year earlier but still well below the

2013/14 record of 7,300 pounds. California's 2018/19 projected yield of 8,700 pounds per acre is up more than 3 percent from below-trend yield of a year earlier but still below the 2015/16 record yield of 8,890 pounds per acre. In contrast, Missouri's 2018/19 projected rice yield of 7,000 pounds per acre is down 6 percent from the year-earlier record. Yields in Texas are projected to drop less than 1 percent in 2018/19 to 7,200 pounds per acre. At 7,300 pounds per acre, Mississippi's 2018/19 rice yields are projected to be more than 1 percent below the year-earlier near-record. At 7,500 pounds per acre, the Arkansas rice yield is just 10 pounds above a year earlier but 60 pounds below the 2013/14 and 2014/15 record.

Rice crops in 2018/19 are forecast larger than a year earlier in all reported States, with Arkansas accounting for the bulk of the 41.3 million-cwt U.S. rice production increase. No State is projected to harvest a record crop in 2018/19. At 106.7 million cwt, Arkansas' 2018/19 rice crop is projected up 29 percent from a year earlier, almost totally due to expanded area. At 10.1 million cwt, Mississippi's 2018/19 rice crop is projected up 20 percent from a year earlier, also due to expanded area. The Texas 2018/19 rice crop is projected at 13.8 million cwt, a 20.5-percent increase from a year earlier, also due to expanded area. Missouri's projected production of 15.3 million cwt, up 28 percent from a year earlier, is also due to an area expansion. Louisiana's 2018/19 projected production of 30.4 million cwt is up 15 percent from a year earlier, due to expanded area and a higher yield. In California, production is projected at 43.2 million cwt, up 16 percent from a year earlier, also a result of both expanded area and a higher yield.

## Progress of Southern Rice Crop Remains Ahead of Normal

Harvest of the 2018/19 rice crop is underway in all producing regions and is nearly complete on the Gulf Coast. Progress is ahead of normal in most southern rice growing States. Through September 9, 40 percent of the U.S. 2018/19 rice crop had been harvested, down 1 percentage point from last year but up 4 percentage points from the U.S. 5-year average.

On the Gulf Coast, Louisiana's 2018/19 harvest was 89 percent complete for the week ending September 9, 1 percentage point behind a year earlier but 2 percentage points ahead of the State's 5-year average. In nearby Texas, harvest was reported 92 percent complete by September 9, 1 percent ahead of a year earlier and 3 percentage points ahead of the State's 5-year average. The harvest completion rates for the Gulf Coast do not include the ratoon crop harvest, which is produced from the stubble that remains in the field after the first harvest. Texas and Southwest Louisiana are the only U.S. rice growing regions capable of producing a ratoon crop, due to their longer growing seasons.

In the Delta, Arkansas' 2018/19 crop was reported 33 percent harvested by September 9, behind last year's pace of 38 percent but 3 percentage points ahead of the State's 5-year average. Missouri's 2018/19 harvest was reported 9 percent complete by September 9, slightly ahead of a year earlier but 2 percentage points behind a year earlier. Mississippi's 2018/19 was reported 65 percent complete by September 9, well ahead of both last year's pace of 49 percent and the State's 5-year average of 31 percent. California's 2018/19 harvest was reported 2 percent complete by September 9, 1 percentage points ahead of a year earlier but 1 percentage point behind the State's 5-year average.

## U.S. 2018/19 Total Rice Supplies up 10 Percent from 2017/18

There were several supply side revisions to the 2018/19 U.S. rice balance sheet this month, a result of both the revised crop forecast and data from the August 24 NASS *Rice Stocks*. First, the 2018/19 U.S. rice carryin was lowered 5.4 million cwt to 29.4 million cwt based on the August *Rice Stocks*, which indicated substantially lower stocks than previously forecast. The 2018/19 carryin is 36 percent below a year earlier and the smallest since 2004/05. By class, long-grain carryin is estimated at 20.3 million

cwt, down 3.0 million cwt from the previous forecast and 34 percent below a year earlier. Combined medium- and short-grain carryin is estimated at 7.6 million cwt, down 0.2 million cwt from the previous forecast and 36 percent below a year earlier and the smallest since 1999/2000.

Second, the 2018/19 U.S. rice crop forecast was increased 4 percent to 219.5 million cwt due to larger area and a slightly higher yield. The long-grain 2018/19 crop projection was increased 4 percent to 159.5 million cwt and the medium- and short-grain crop forecast was increased 5 percent to 60.0 million cwt. Imports in 2018/19 remain forecast at a record 27.0 million cwt, fractionally above the year-earlier revised level. Long-grain 2018/19 imports remain forecast at a record 23.5 million cwt, also fractionally above the year earlier revised level. Thailand, India, and Pakistan are expected to again account for the bulk of U.S. long-grain rice imports, shipping almost exclusively aromatic rice varieties. Medium- and short-grain imports remain projected at 3.5 million cwt, also slightly below the year-earlier revised estimate. Specialty rice from Thailand accounts for most of U.S. medium- and short-grain rice imports. China has recently shipped much smaller quantities of medium- and short-grain rice to the United States, with much of it going to Puerto Rico.

Total U.S. rice supplies in 2018/19 are projected at 275.9 million cwt, up 1 percent from the previous forecast and nearly 10 percent larger than a year earlier. The year-to-year supply increase is the result of a much larger crop more than offsetting a big decline in carryin, with imports nearly unchanged. Long-grain supplies are projected at 203.3 million cwt, up 1 percent from the previous forecast and up almost 12 percent from a year earlier. Medium- and short-grain supplies are forecast at 71.2 million cwt, up 4 percent from last month's forecast and more than 5 percent larger than a year earlier.

## U.S. Exports Projected To Increase 13 Percent in 2018/19

Total domestic and residual use of rice in 2018/19 is projected at 133.0 million cwt, up 2.0 million cwt from the previous forecast but more than 1 percent below the year-earlier revised estimate. This is the third consecutive month of an upward revision in the 2018/19 domestic and residual use forecast and was primarily based on the larger supplies. In addition to food and industrial uses of rice—primarily as pet food and beer—domestic and residual use accounts for post-harvest losses, including unreported losses in processing, marketing, and transporting. These losses are typically proportional to the crop size.

Long-grain domestic and residual use is projected at 103.0 million cwt, an increase of 1.0 million cwt from the previous forecast and 4.5 percent larger than the revised 2017/18 level. Medium- and short-grain domestic and residual use is projected at 30.0 million cwt, up 1.0 million cwt from the previous forecast but still 17 percent below the abnormally high level for 2017/18.

Total U.S. rice exports in 2018/19 remain projected at 98.0 million cwt, up 13 percent from the year-earlier revised estimate. On an annual basis, the expected increase in 2018/19 exports is based on larger supplies, more competitive U.S. prices, and weaker shipments from Australia and Egypt—top competitors in the global medium- and short-grain market.

U.S. rough rice exports in 2018/19 are projected at 33.0 million cwt, down 1.0 million cwt from the previous forecast but up 15 percent from the revised 2017/18 estimate. The downward revision was based on expectations of little, if any, shipments to Turkey, once a top market for U.S. medium-grain rough-rice, due to extremely high tariffs. On an annual basis, the U.S. is expected to boost sales to traditional U.S. long-grain rough-rice markets in Latin America, primarily Mexico, Central America, and Venezuela. The U.S. has recently lost market share in these markets to more competitively priced South American exporters.

U.S. milled rice exports (combined milled and brown rice exports on a rough basis) in 2018/19 are projected at 65.0 million cwt, up 1.0 million cwt from the previous forecast and 11 percent above the year-earlier revised estimate. The slight upward revision is largely based on recent declines in U.S. prices, making the U.S. more competitive. On an annual basis, Latin America (primarily Haiti) and Northeast Asia are likely to import more U.S. milled-rice in 2018/19, with the expected growth in Northeast Asia mostly accounted for by shipments purchased in 2017/18. Haiti is expected to remain the largest market for U.S. long-grain milled rice.

U.S. long-grain exports in 2018/19 are projected at 69.0 million cwt, up 1.0 million cwt from the previous forecast based on slightly lower U.S. price forecasts for 2018/19. U.S. long-grain exports are forecast 9 percent above the year-earlier revised estimate, primarily due to lower U.S. prices and larger supplies. Latin America, the largest market for U.S. long-grain rice exports, is expected to account for most of the increase. Larger U.S. supplies and more competitive prices are behind expectations of stronger U.S. exports to Latin America.

Combined medium- and short-grain U.S. exports are projected at 29.0 million cwt, down 1.0 million cwt from the previous forecast based on expectations of little, if any, sales to Turkey. Despite the downward revision, U.S. medium- and short-grain exports are forecast up 22 percent from the 2017/18 abnormally low level. Some of the expected increase in 2018/19 is due to shipments to Northeast Asia that were purchased in 2017/18. In addition, the United States is likely to pick-up additional sales in parts of the Middle East other than Turkey, due to Egypt's tight supply situation and decision to import rice, and a second consecutive weak crop in Australia.

Total use of U.S. rice in 2018/19 is projected at 231.0 million cwt, up 2.0 million cwt from the previous forecast and 4 percent larger than a year earlier. Long-grain total use is projected at 172.0 million cwt, up 2.0 million cwt from the previous forecast and 6 percent larger than in 2017/18. Medium- and short-grain total use in 2018/19 remains projected at 59.0 million cwt, 1.5 percent smaller than a year earlier, a result of smaller domestic use.

## U.S. Ending Stocks Projected To Increase 53 Percent in 2018/19

U.S. ending stocks of all rice in 2018/19 are projected at 44.9 million cwt, an increase of 3 percent from the previous forecast and 53 percent larger than the year-earlier revised level. The substantial rise in ending stocks in 2018/19, despite stronger total use, is due to a 23-percent increase in production. The 2018/19 stocks-to-use ratio is projected at 19.4 percent, well above the abnormally tight 13.2 percent in 2017/18.

The stocks situation varies somewhat by class. Long-grain 2018/19 ending stocks are projected at 31.3 million cwt, an increase of 2 percent from the previous forecast and 54 percent larger than a year earlier. These are the largest long-grain ending stocks since 2010/11. The long-grain stocks-to-use ratio is projected at 18.2 percent, up from just 12.6 percent in 2017/18. Ending-stocks and stocks-to-use ratio of these levels are expected to 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 12.2 million cwt, up almost 28 percent from the previous forecast and 59 percent larger the year-earlier abnormally low level. The medium- and short-grain stocks-to-use ratio is projected at 20.6 percent, up from just 12.8 percent in 2017/18.

## U.S. 2017/18 Ending Stocks Estimate Lowered 16 Percent

Year-end stocks and trade data resulted in several revisions to the 2017/18 U.S. rice balance sheet. The largest revision was a 5.4-million cwt reduction in the ending stocks estimate to 29.4 million cwt based on data reported by NASS in the August 24 *Rice Stocks*. By class, long-grain ending stocks were lowered 3.0 million cwt to 20.3 million cwt, and medium- and short-grain ending stocks were reduced 0.2 million cwt to 7.6 million cwt, the smallest since 1998/99. Stocks of broken kernels, not classified by grain length, are estimated at 1.4 million cwt, 2.1 below a year earlier. Rice stocks were lower than a year earlier in all reported States except Texas, with Arkansas holding 49 percent of all U.S. rice stocks on August 1. California, with 6.1 million cwt of rice, and Texas, with 4.9 million cwt, account for most of the remaining U.S. rice stocks on August 1.

On the supply side, all-rice imports were lowered 0.1 million cwt to 26.9 million cwt, with the long-grain estimate lowered 0.2 million cwt to 23.34 million cwt and the medium- and short-grain import estimate raised fractionally to 3.54 million cwt.

All rice exports were increased 0.5 million cwt to 87.0 million cwt, with long-grain increased 0.3 million cwt to 63.3 million cwt and medium- and short-grain exports raised 0.2 million cwt to 23.7 million cwt. All trade revisions were based on Census trade data through July. These trade and stock revisions resulted in a 4.8-million cwt increase in the 2017/18 domestic and residual use estimate to 134.8 million cwt. Long-grain 2017/18 domestic and residual use was increased 2.6 million cwt and medium- and short-grain 2017/18 domestic and residual use was boosted 2.2 million cwt to 36.2 million, the highest since 2004/05.

## U.S. 2018/19 Season-Average Farm Prices Lowered Again

This month, USDA lowered its forecasts for 2018/19 season-average farm prices for both classes of rice in both regions, mostly based on larger supplies and recent price movements. The 2018/19 long-grain SAFP is projected at \$10.30-\$11.30 per cwt, down 20 cents on both the high and low end of last month's range, with the midpoint down 90 cents from 2017/18. The Southern 2018/19 medium- and short-grain season-average farm price is projected at \$10.60-\$11.60 per cwt, also down 20 cents on both the high and low ends of last month's range. The 2018/19 midpoint is \$1.00 below a year earlier. The California 2018/19 medium- and short-grain season-average price is projected at \$15.80-\$16.00 per cwt, also down 20 cents on both the high and low end of the previous forecast range. The midpoint is just 30 cents below the 2017/18 SAFP.

The U.S. 2018/19 medium- and short-grain season-average farm price is projected at \$14.20-\$15.20 per cwt, down 20 cents on both ends of the previous range. The 2018/19 mid-point is 30 cents below a year earlier. The all-rice 2018/19 season-average farm price is projected at \$11.20-\$12.20 per cwt, also down 20 cents on both ends of the previous range. The midpoint of the 2018/19 all rice SAFP is 90 cents below a year earlier.



# International Outlook

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## Production Forecasts for 2018/19 Lowered for China, Bangladesh, Peru, the Philippines, and Guyana

Global rice production in 2018/19 is projected at 487.2 million tons (milled basis), down 0.4 million tons from the previous forecast and almost 1 percent below the year-earlier record. Production is projected smaller in 2018/19 in Argentina, Brazil, China, Colombia, Ecuador, Egypt, India, Iraq, Pakistan, South Korea, Uruguay, and Venezuela. China accounts for the bulk of the decline. These 2018/19 production declines are projected to be partially offset by larger crops in Bangladesh, Burma, Cambodia, Cote D'Ivoire, Ghana, Guyana, Indonesia, Laos, Madagascar, the Philippines, Sri Lanka, Tanzania, Thailand, the United States, and Vietnam. Bangladesh, Thailand, and the United States are projected to increase production the most.

There were five downward production revisions for 2018/19 this month, three in Asia and two in South America. First, in Asia, China's 2018/19 production forecast was lowered 1.4 million tons to 140.8 million tons based on China's National Bureau of Statistics reporting of the early indica crop being down 4.3 percent from 2017/18 due to smaller area. In addition, this year China experienced a lack of rainfall in much of the north and south that has adversely impacted rice production. China's production is 4 percent below a year earlier and the smallest since 2011/12. China is the world's largest rice importing country and a midlevel exporter.

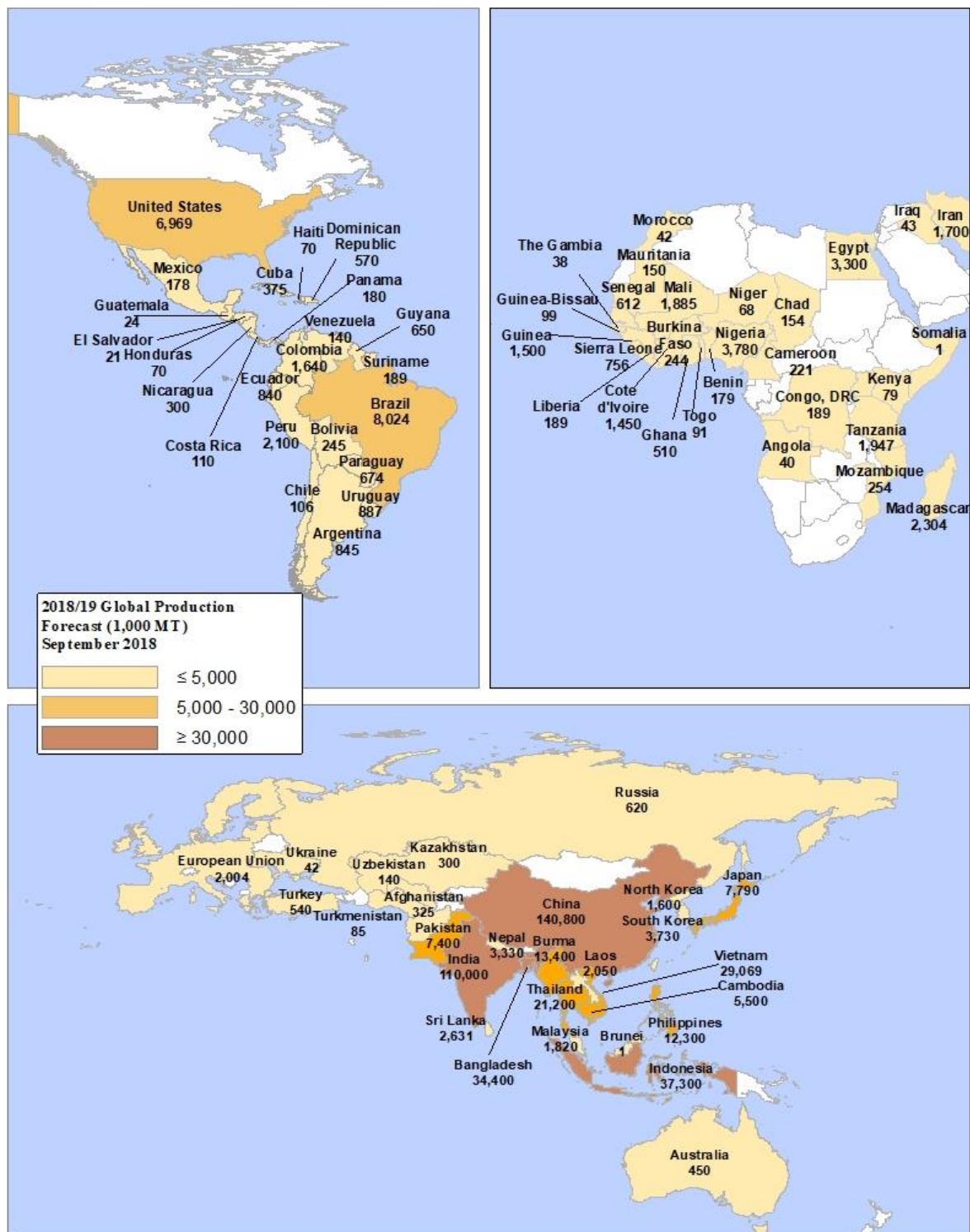
Second, Bangladesh's 2018/19 rice crop was lowered 300,000 tons to 34.4 million tons based on a 110,000-hectare area reduction. The revision is based on marginal production loss to the *Boro* rice crop harvested this spring due to heavy downpours during harvest and a lower *Aus* crop harvested area due to flooding in this summer. Bangladesh is typically a solid mid-level importer, with imports only a small share of use. Third, the Philippines' 2018/19 rice production forecast was reduced 50,000 tons to 12.3 million tons based on Government of the Philippines data indicating a slightly lower yield; area was raised slightly. Production in the Philippines is down 1 percent from 2017/18. The country is a major rice importer.

In South America, Guyana's 2018/19 rice production forecast was lowered 40,000 tons to 650,000 tons based on a weaker yield reported by the Guyana Rice Association. Production is still up 3 percent from a year earlier. The country is a midlevel exporter, shipping mostly to markets in the region. In addition, Peru's 2018/19 production forecast was lowered 80,000 tons to 2.1 million based on smaller area reported by the Ministry of Agriculture. Peru's production is down 1 percent from 2017/18.

There were five upward revisions in 2018/19 production forecasts this month, spread across the globe. In the Eastern Hemisphere, India's 2018/19 production forecast was raised 1.0 million tons to 110,000 million based on a higher yield. The higher yield was largely based on a revised 2017/18 yield. Despite the upward revision, India's crop is almost 3 percent smaller than the year earlier record. Japan's 2018/19 production forecast was raised 190,000 tons to 7.79 million tons based on inclusion of undersized grains in the production estimate. Japan's rice crops were revised back to 2004/05 to include undersized grains. In Central Asia, Kazakhstan's crop was decreased 20,000 tons to 300,000 tons due to lower area reported by the Government. In the Western Hemisphere, the U.S. production forecast was raised 274,000 tons to 6.97 million tons, based mostly on larger area and on a slightly higher yield reported by the National Agricultural Statistics Service. In addition, Haiti's 2018/19 rice production forecast was raised 1,000 tons to 71,000 tons based on a much higher yield. Area was lowered 14,000 hectares to 66,000 tons. Production in Haiti is up 18 percent from a year earlier but still below production in 2010/11 and 2011/12, with no upward trend.

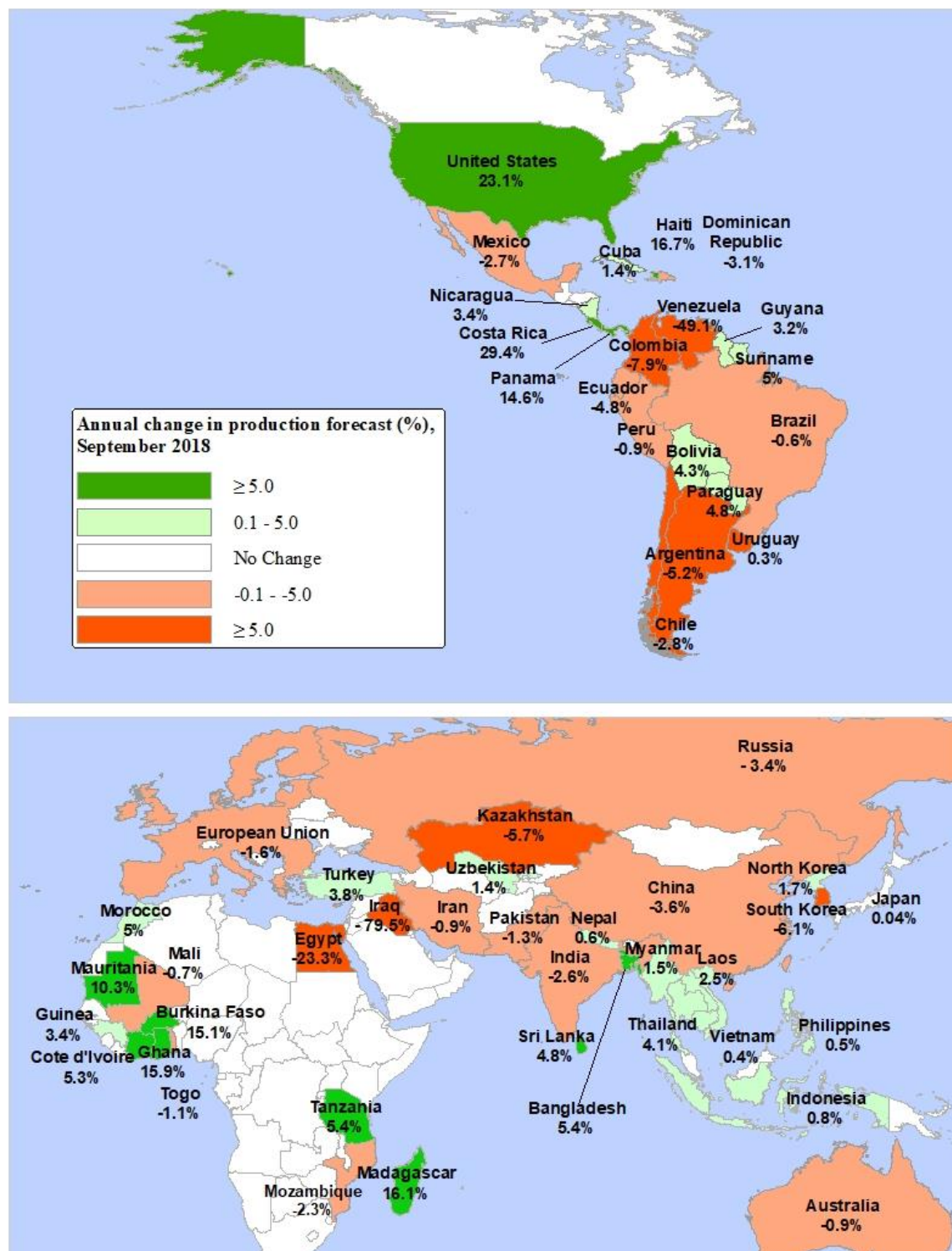


Map 2: September 2018 production forecast for market year 2018/19



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

Map 3. Changes in production forecast from marketing years 2017/18 to 2018/19, September 2018



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

The 2017/18 global rice production estimate was increased 3.0 million tons to a record 491.6 million tons, up nearly 1 percent from a year earlier. There were four upward production revisions for 2017/18, two in Asia and two in South America. First, in Asia, India's 2017/18 production estimate was raised

2.91 million tons to a record 112.9 million tons, based on the Government of India's *Fourth Advance Estimate* reporting a record yield. Both the monsoon season *kharif* crop and the much smaller dry season *rabi* crop are estimated to be record-high in 2017/18 as well. Second, Japan's 2017/18 rice production estimate was raised 201,000 tons to 7.79 million tons based on inclusion of undersized grains. In South America, Brazil's production estimate was increased 133,000 tons to 8.21 million tons based on a higher yield reported in August by the Government of Brazil. The crop is still 2.5 percent smaller than the 2016/17 crop. In addition, Uruguay's 2017/18 production was raised 68,000 tons to 952,000 tons based on a higher yield reported by the Government of Uruguay. Brazil is a midlevel rice importer and exporter. Uruguay is a midlevel exporter. Both countries grow mostly long-grain rice.

These upward revisions were partially offset by two 2017/18 reductions in Asia. First Sri Lanka's 2017/18 rice crop was lowered 263,000 tons to 2.25 million based on Government of Sri Lanka data reporting a 106,000-hectare drop in the area estimate to 769,000 hectares. Second, the Philippines' 2017/18 rice production was lowered 65,000 tons to 12.2 million tons based on slightly smaller area reported by the Government of the Philippines.

Global rice consumption (including a residual component) in 2018/19 is projected at a record 488.4 million tons, up 0.6 million tons from the previous forecast and up more than 1 percent from a year earlier. India, Japan, and Burma account for most of this month's upward revision in global consumption. In contrast, consumption forecasts were lowered for China, Bangladesh, Sri Lanka, and the Philippines. On an annual basis, China accounts for most of the expected increase in global consumption in 2018/19. Consumption and residual use is projected higher in 2018/19 in Bangladesh, Burma, Cambodia, Indonesia, Nigeria, the Philippines, the United States, and Vietnam. With global consumption exceeding global production, 2018/19 global ending stocks are projected to decrease 1.2 million tons to 144.4 million tons, the first decline since 2006/07. China is expected to continue to hold around 70 percent of global stocks. The global 2018/19 stocks-to-use ratio is projected at 29.6 percent, down from 30.1 percent a year earlier.

## India's 2017 and 2018 Exports Projected at a Record 13.0 Million Tons

Global rice trade in calendar year 2019 is projected at a record 49.7 million tons, up 0.3 million tons from the previous forecast and 0.8 million tons above 2018. India accounts for the bulk of the upward revision in global 2019 exports, with exports raised 0.5 million tons to 13.0 million tons, unchanged from the year-earlier record. In contrast, Burma's 2019 export forecast was lowered 0.3 million tons to 3.2 million tons. On a year-to-year basis, increased shipments from Argentina, Burma, Cambodia, China, Paraguay, Thailand, and the United States are projected to more than offset reduced exports in 2019 from Brazil, Egypt, Peru, and Uruguay. Pakistan's 2019 exports remain projected to remain record-high. Vietnam's exports are projected unchanged from a year earlier as well.

On the 2019 import side, forecasts for both the Philippines and Venezuela were raised this month, while import projections for Brazil, Cote D'Ivoire, and Sierra Leone were lowered. China and Nigeria are projected to remain the largest rice importing countries in 2019, followed by the EU, Cote d'Ivoire, and Iran. Nigeria and Egypt are projected to account for the bulk of the 2019 import increase. Imports in 2019 are also projected to be larger than a year earlier for Benin, Burkina, Cameroon, Cote d'Ivoire, EU, Iran, Iraq, Kenya, Malaysia, Mali, Senegal, and the United Arab Emirates. In contrast, imports are projected to be smaller in 2019 than in 2018 for Bangladesh, Ecuador, Indonesia, Madagascar, the Philippines, Sri Lanka, and Venezuela, with Indonesia and the Philippines declining by the largest amounts. U.S. rice imports in 2019 are projected to remain record-high. China's imports are projected to remain at a near-record 5.5 million tons.

| Table A - Rice imports at a glance for 2018 and 2019 (1,000 MT), September 2018 |        |                         |                              |  |
|---|--------|-------------------------|------------------------------|--|
| Country or region   | Trade  | Month-to-month forecast | Year-to-year forecast change | Comments on month-to-month forecast changes              |
| Thousand metric tons  |        |                         |                              |  |
| Rice Imports, 2019  |        |                         |                              |  |
| Cote d'Ivoire   | 1,450  | -200 ↓                  | 50 ↑                         | Slower consumption growth                                |
| Philippines   | 1,200  | 100 ↑                   | -200 ↓                       | Smaller crop and additional government purchases         |
| Sierra Leone  | 450    | -50 ↓                   | 50 ↑                         | Slower purchase to date                                  |
| Venezuela   | 450    | 100 ↑                   | -50 ↓                        | Strong pace, especially from Brazil and Mexico           |
| Rice Imports, 2018  |        |                         |                              |  |
| Bangladesh  | 1,400  | 200 ↑                   | -948 ↓                       | Rice tariff of 28% still in place since July             |
| Brazil  | 650    | -50 ↓                   | -104 ↓                       | Dropped on larger supplies and recent slowdown on pace   |
| Cote d'Ivoire   | 1,400  | -100 ↓                  | 50 ↑                         | Slower consumption growth                                |
| Sierra Leone  | 400    | -75 ↓                   | 10 ↑                         | Slower purchase to date                                  |
| Venezuela   | 500    | 50 ↑                    | 170 ↑                        | Strong pace, especially from Brazil and Mexico           |
| Table B - Rice exports at a glance for 2018 and 2019 (1,000 MT), September 2018 |        |                         |                              |  |
| Country or region   | Trade  | Month-to-month forecast | Year-to-year forecast change | Comments on month-to-month forecast changes              |
| Thousand metric tons  |        |                         |                              |  |
| Rice Exports, 2019  |        |                         |                              |  |
| Brazil  | 750    | 50 ↑                    | -200 ↓                       | Larger crop  |
| Burma   | 3,200  | -300 ↓                  | 100 ↑                        | Flooding, border measures, and uncompetitive prices      |
| Guyana  | 500    | 20 ↑                    | 20 ↑                         | Expanding exports to Panama, Haiti, and Nicaragua        |
| India   | 13,000 | 500 ↑                   | 0 →                          | Larger production, increased stocks, and competitiveness |
| Rice Exports, 2018  |        |                         |                              |  |
| Burma   | 3,100  | -200 ↓                  | -250 ↓                       | Flooding, border measures, and uncompetitive prices      |
| India   | 13,000 | 200 ↑                   | 440 ↑                        | Larger production  |
| Uruguay   | 900    | 40 ↑                    | -151 ↓                       | Larger crop  |

## Thailand and Vietnam's Trading Prices Are Nearly Unchanged; U.S. Prices Continue To Drop

Price quotes for most grades of Thailand's regular milled white rice declined less than 1 percent over the past month, as traders wait for the Government to finalize the sale of 267,418 tons of rice stocks that were retendered in late August. In addition, new sales are weak. For the week ending September 10, Thailand's 100-percent grade B milled white rice was quoted at \$394 per ton, down \$3 from the week ending August 6. Prices for Thailand's lower quality 15-percent broken rice were quoted at \$377 per ton for the week ending September 10, also down \$3 from the week ending August 6. Prices for Thailand's premium jasmine rice—an aromatic—were quoted at \$1,008 per ton for the week ending September 10, down \$20 from the week ending August 6 and the third consecutive month of decline. 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 about 1 percent over the past month, with new business slow, although the Philippines is expected to tender for another 250,000 tons this fall. For the week ending September 11, prices for Vietnam's 5-percent broken, regular milled white rice were quoted at \$395 per ton, up \$5 from the week ending August 7. Vietnam's prices are now about the same as for comparable grades of rice from Thailand. Vietnam's rice typically sells at \$30 to \$50 below comparable grades of Thailand's rice.

In contrast to Thailand and Vietnam, U.S. prices for long-grain milled rice have noticeably declined over the past month, mostly driven by expectations of a much larger crop in 2018/19, with harvest nearly complete on the Gulf Coast. For the week ending September 11, 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 \$550 per ton, down \$50 from the week ending August 7. The U.S. price difference over Thailand's 100-percent Grade B milled rice declined to \$156 per ton from a near-record \$226 per ton in early July. Prices for U.S. long-grain rough-rice (bulk, fob vessel, New Orleans) were quoted at \$285 per ton for the week ending September 11, down \$10 from the week ending August 7.

California prices have declined as well. California medium-grain milled rice (No. 1, 4-percent broken, sacked, free on board, domestic mill) were quoted at \$913 per ton for the week ending September 11, down \$35 from the week ending August 7. Export prices for California medium-grain milled-rice (4-percent broken, sacked, on board vessel in Oakland) were quoted at \$963 per ton for the week ending September 11, down \$57 from early August. Price quotes for Vietnam, U.S. long- and medium-grain milled-rice, and U.S. rough-rice export prices are from the weekly *Creed Rice Market Report*. All price quotes for Thailand's rice are from the *Weekly Rice Price Update* reported by the U.S. Agricultural Office in Bangkok.

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# Tables

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

| Item                               | 2012/13                          | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18<br>2/ | 2018/19<br>2/     |
|------------------------------------|----------------------------------|---------|---------|---------|---------|---------------|-------------------|
| <b>TOTAL RICE</b>                  | <b>Million acres</b>             |         |         |         |         |               |                   |
| Area:                              |                                  |         |         |         |         |               |                   |
| Planted                            | 2.700                            | 2.490   | 2.954   | 2.625   | 3.150   | 2.463         | 2.943             |
| Harvested                          | 2.679                            | 2.469   | 2.933   | 2.585   | 3.097   | 2.374         | 2.902             |
|                                    | <b>Pounds per harvested acre</b> |         |         |         |         |               |                   |
| Yield                              | 7,463                            | 7,694   | 7,576   | 7,472   | 7,237   | 7,507         | 7,563             |
|                                    | <b>Million cwt</b>               |         |         |         |         |               |                   |
| Beginning stocks                   | 41.1                             | 36.4    | 31.8    | 48.5    | 46.5    | 46.0          | 29.4              |
| Production                         | 199.9                            | 190.0   | 222.2   | 193.1   | 224.1   | 178.2         | 219.5             |
| Imports                            | 21.1                             | 23.1    | 24.6    | 24.1    | 23.5    | 26.9          | 27.0              |
| Total supply                       | 262.1                            | 249.5   | 278.7   | 265.8   | 294.1   | 251.2         | 275.9             |
| Food, industrial,<br>& residual 3/ | 116.9                            | 122.0   | 131.8   | 109.9   | 131.3   | 132.5         | N/A               |
| Seed                               | 2.2                              | 2.4     | 2.1     | 2.5     | 2.0     | 2.3           | N/A               |
| Total domestic use                 | 119.0                            | 124.4   | 133.9   | 112.4   | 133.2   | 134.8         | 133.0             |
| Exports                            | 106.6                            | 93.3    | 96.3    | 107.0   | 114.8   | 87.0          | 98.0              |
| 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          | 65.0              |
| Total use                          | 225.7                            | 217.6   | 230.2   | 219.3   | 248.0   | 221.8         | 231.0             |
| Ending stocks                      | 36.4                             | 31.8    | 48.5    | 46.5    | 46.0    | 29.4          | 44.9              |
|                                    | <b>Percent</b>                   |         |         |         |         |               |                   |
| Stocks-to-use ratio                | 16.1                             | 14.6    | 21.1    | 21.2    | 18.6    | 13.2          | 19.4              |
|                                    | <b>\$/cwt</b>                    |         |         |         |         |               |                   |
| Average farm<br>price 5/           | 15.10                            | 16.30   | 13.40   | 12.20   | 10.40   | 12.60         | 11.20 to<br>12.20 |
|                                    | <b>Percent</b>                   |         |         |         |         |               |                   |
| Average<br>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 September 10, 2018.



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

| Item                           | 2013/14                   | 2014/15 | 2015/16 | 2016/17 | 2017/18<br>2/ | 2018/19<br>2/     |
|--------------------------------|---------------------------|---------|---------|---------|---------------|-------------------|
| <b>LONG GRAIN:</b>             |                           |         |         |         |               |                   |
|                                | Million acres             |         |         |         |               |                   |
| Planted                        | 1.781                     | 2.211   | 1.879   | 2.442   | 1.811         | --                |
| Harvested                      | 1.767                     | 2.196   | 1.848   | 2.403   | 1.748         | --                |
|                                | Pounds per harvested acre |         |         |         |               |                   |
| Yield                          | 7,464                     | 7,407   | 7,219   | 6,927   | 7,314         | --                |
|                                | Million cwt               |         |         |         |               |                   |
| Beginning stocks               | 21.9                      | 16.2    | 26.5    | 22.7    | 31.0          | 20.3              |
| Production                     | 131.9                     | 162.7   | 133.4   | 166.5   | 127.9         | 159.5             |
| Imports                        | 20.5                      | 21.8    | 20.9    | 20.3    | 23.3          | 23.5              |
| Total supply                   | 174.2                     | 200.6   | 180.7   | 209.4   | 182.2         | 203.3             |
| Domestic use 3/                | 96.1                      | 105.6   | 82.1    | 101.8   | 98.6          | 103.0             |
| Exports                        | 61.9                      | 68.5    | 75.9    | 76.6    | 63.3          | 69.0              |
| Total use                      | 158.0                     | 174.2   | 158.0   | 178.4   | 161.9         | 172.0             |
| Ending stocks                  | 16.2                      | 26.5    | 22.7    | 31.0    | 20.3          | 31.3              |
|                                | Percent                   |         |         |         |               |                   |
| Stocks-to-use ratio            | 10.3                      | 15.2    | 14.4    | 17.4    | 12.6          | 18.2              |
|                                | \$/cwt                    |         |         |         |               |                   |
| Average farm price 4/          | 15.40                     | 11.90   | 11.20   | 9.61    | 11.70         | 10.30 to<br>11.30 |
| <b>MEDIUM/SHORT GRAIN:</b>     |                           |         |         |         |               |                   |
|                                | Million acres             |         |         |         |               |                   |
| Planted                        | 0.709                     | 0.743   | 0.746   | 0.708   | 0.652         | --                |
| Harvested                      | 0.702                     | 0.737   | 0.737   | 0.694   | 0.626         | --                |
|                                | Pounds per harvested acre |         |         |         |               |                   |
| Yield                          | 8,270                     | 8,080   | 8,107   | 8,311   | 8,048         | --                |
|                                | Million cwt               |         |         |         |               |                   |
| Beginning stocks               | 12.2                      | 13.3    | 20.2    | 20.9    | 11.5          | 7.6               |
| Production                     | 58.1                      | 59.6    | 59.7    | 57.7    | 50.4          | 60.0              |
| Imports                        | 2.6                       | 2.9     | 3.3     | 3.2     | 3.5           | 3.5               |
| Total supply 5/                | 72.9                      | 76.1    | 82.2    | 81.1    | 67.5          | 71.2              |
| Domestic use 3/                | 28.2                      | 28.3    | 30.3    | 31.4    | 36.2          | 30.0              |
| Exports                        | 31.4                      | 27.7    | 31.0    | 38.2    | 23.7          | 29.0              |
| Total use                      | 59.6                      | 56.0    | 61.3    | 69.6    | 59.9          | 59.0              |
| Ending stocks                  | 13.3                      | 20.2    | 20.9    | 11.5    | 7.6           | 12.2              |
|                                | Percent                   |         |         |         |               |                   |
| Stocks-to-use ratio            | 22.4                      | 36.0    | 34.1    | 16.5    | 12.8          | 20.6              |
|                                | \$/cwt                    |         |         |         |               |                   |
| Average farm price             |                           |         |         |         |               |                   |
| U.S. average 4/ 6/             | 19.20                     | 18.30   | 15.30   | 13.10   | 15.00         | 14.20 to<br>15.20 |
| California 6/ 7/               | 20.70                     | 21.60   | 18.10   | 14.10   | 16.60         | 15.80 to<br>16.80 |
| Other States 4/                | 15.70                     | 14.40   | 11.20   | 10.10   | 12.10         | 10.60 to<br>11.60 |
| Ending stocks<br>difference 1/ | 2.3                       | 1.9     | 2.9     | 3.5     | 1.4           | N/A               |

-- = Not available. Cwt = hundredweight. 1/ Stock totals by type omit broken, which are included in total stocks for all types of rice in table 1. 2/ Projected. 3/ Includes residual. 4/ Market year begins August 1. 5/ Accounts for the difference in beginning and ending stocks of broken. Thus, total supply of medium/short-grain may not equal the sum of beginning stocks, production, and imp 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 September 10, 2018.



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

| Month                     | 2017/18 |           | 2016/17 |           | 2015/16 |           |
|---------------------------|---------|-----------|---------|-----------|---------|-----------|
|                           | \$/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                     | 12.90   | 13,008    | 10.10   | 18,353    | 11.50   | 13,889    |
| May                       | 12.90   | 11,963    | 10.20   | 16,874    | 11.70   | 13,754    |
| June                      | 13.30   | 9,403     | 10.20   | 15,444    | 11.70   | 12,159    |
| July                      | 13.70   | 9,362     | 10.80   | 14,096    | 12.10   | 13,103    |
| Season-average farm price | 12.60   |           | 10.40   |           | 12.20   |           |
| Average marketings        |         | 13,044    |         | 15,578    |         | 13,925    |
| Total volume marketed     |         | 156,526   |         | 186,935   |         | 167,104   |

Cwt = hundredweight.

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

Last updated September 10, 2018.

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

| Month                     | Long-grain |           |         |           | Medium- and short-grain |           |         |           |
|---------------------------|------------|-----------|---------|-----------|-------------------------|-----------|---------|-----------|
|                           | 2017/18    |           | 2016/17 |           | 2017/18                 |           | 2016/17 |           |
|                           | \$/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                     | 12.00      | 10,013    | 9.20    | 14,382    | 15.60                   | 2,995     | 13.20   | 3,971     |
| May                       | 12.10      | 9,695     | 9.38    | 13,276    | 16.20                   | 2,268     | 13.40   | 3,598     |
| June                      | 12.30      | 7,010     | 9.54    | 12,720    | 16.50                   | 2,393     | 13.40   | 2,724     |
| July                      | 12.30      | 6,585     | 10.00   | 11,107    | 17.00                   | 2,777     | 13.70   | 2,989     |
| Season-average farm price | 11.70      |           | 9.61    |           | 15.00                   |           | 13.10   |           |
| Average marketings        |            | 9,621     |         | 11,903    |                         | 3,423     |         | 3,675     |
| Total volume marketed     |            | 115,455   |         | 142,832   |                         | 41,071    |         | 44,103    |

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 September 10, 2018.

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

| Month                  | California |         | Month     | Other States 2/ |         |
|------------------------|------------|---------|-----------|-----------------|---------|
|                        | 2017/18    | 2016/17 |           | 2017/18         | 2016/17 |
|                        | \$ /cwt    |         |           | \$ /cwt         |         |
| October                | 15.20      | 14.00   | August    | 11.00           | 10.00   |
| November               | 16.50      | 14.10   | September | 11.20           | 9.52    |
| December               | 15.20      | 13.90   | October   | 11.30           | 10.40   |
| January                | 15.60      | 14.00   | November  | 11.60           | 9.41    |
| February               | 17.30      | 13.90   | December  | 11.80           | 10.50   |
| March                  | 17.90      | 13.10   | January   | 11.80           | 10.30   |
| April                  | 17.10      | 14.00   | February  | 12.60           | 9.93    |
| May                    | 17.50      | 14.10   | March     | 12.30           | 10.20   |
| June                   | 17.90      | 14.30   | April     | 12.80           | 10.10   |
| July                   | 18.30      | 14.50   | May       | 12.80           | 10.10   |
| August                 |            | 15.50   | June      | 13.20           | 10.40   |
| September              |            | 15.10   | July      | 13.30           | 10.70   |
| Simple average to date | 16.85      |         |           |                 |         |
| Market-year average    | 16.60 3/   | 14.10   |           | 12.10           | 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/](http://www.nass.usda.gov/Quick_Stats/).  
Last updated September 10, 2018.

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

| Month                     | 2018/19    |                        | 2017/18    |                        | 2016/17    |                        |
|---------------------------|------------|------------------------|------------|------------------------|------------|------------------------|
|                           | Long-grain | Medium/<br>short-grain | Long-grain | Medium/<br>short-grain | Long-grain | Medium/<br>short-grain |
|                           | \$ /cwt    |                        |            |                        |            |                        |
| August                    | 9.84       | 10.03                  | 9.61       | 9.96                   | 9.27       | 9.48                   |
| September 2/              | 9.39       | 9.57                   | 9.72       | 10.07                  | 8.66       | 8.86                   |
| October                   |            |                        | 9.73       | 10.08                  | 8.43       | 8.62                   |
| November                  |            |                        | 9.75       | 10.10                  | 8.39       | 8.58                   |
| December                  |            |                        | 9.86       | 10.22                  | 8.46       | 8.65                   |
| January                   |            |                        | 10.39      | 10.77                  | 8.55       | 8.74                   |
| February                  |            |                        | 10.45      | 10.79                  | 8.59       | 9.01                   |
| March                     |            |                        | 10.28      | 10.63                  | 8.60       | 9.02                   |
| April                     |            |                        | 10.70      | 11.06                  | 8.65       | 9.07                   |
| May                       |            |                        | 11.16      | 11.54                  | 9.08       | 9.54                   |
| June                      |            |                        | 10.95      | 11.32                  | 9.98       | 10.48                  |
| July                      |            |                        | 10.46      | 10.81                  | 9.99       | 10.50                  |
| Market-year<br>average 1/ | 9.62       | 9.80                   | 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/ 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/ind>  
 Last updated September 10, 2018.

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

| Country<br>or<br>region                 | 2010/11<br>market<br>year | 2011/12<br>market<br>year | 2012/13<br>market<br>year | 2013/14<br>market<br>year | 2014/15<br>market<br>year | 2015/16<br>market<br>year | 2016/17<br>market<br>year | 2017/18<br>market<br>year |
|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|   | 1,000 tons                |                           |                           |                           |                           |                           |                           |                           |
| <b>ASIA</b>                             | 529.8                     | 541.5                     | 624.8                     | 647.1                     | 703.1                     | 676.8                     | 692.8                     | 773.9                     |
| China                                   | 3.1                       | 3.6                       | 2.7                       | 3.2                       | 4.8                       | 3.9                       | 4.0                       | 13.1                      |
| India                                   | 96.5                      | 110.5                     | 129.3                     | 138.8                     | 128.7                     | 166.6                     | 150.0                     | 183.3                     |
| Pakistan                                | 17.3                      | 15.2                      | 17.7                      | 26.6                      | 25.2                      | 27.6                      | 21.0                      | 21.9                      |
| Thailand                                | 393.5                     | 387.6                     | 393.8                     | 428.6                     | 472.2                     | 437.3                     | 482.3                     | 529.3                     |
| Vietnam                                 | 15.9                      | 21.7                      | 77.8                      | 45.4                      | 67.5                      | 35.6                      | 29.0                      | 19.6                      |
| Other                                   | 3.6                       | 2.8                       | 3.6                       | 4.5                       | 4.9                       | 5.7                       | 6.5                       | 6.7                       |
| <b>EUROPE &amp; FORMER SOVIET UNION</b> | 12.5                      | 14.3                      | 12.0                      | 12.0                      | 14.5                      | 16.3                      | 17.7                      | 17.1                      |
| Italy                                   | 7.5                       | 5.2                       | 7.5                       | 8.2                       | 9.0                       | 9.5                       | 11.7                      | 11.7                      |
| Spain                                   | 3.8                       | 4.7                       | 2.3                       | 1.2                       | 1.8                       | 2.1                       | 1.7                       | 4.1                       |
| Russia                                  | 0.0                       | 0.0                       | 0.0                       | 0.0                       | 0.0                       | 0.0                       | 0.1                       | 0.0                       |
| United Kingdom                          | 0.0                       | 0.0                       | 0.1                       | 0.5                       | 2.3                       | 3.2                       | 2.8                       | 0.4                       |
| Other                                   | 1.2                       | 4.3                       | 2.1                       | 2.0                       | 1.4                       | 1.5                       | 1.4                       | 0.9                       |
| <b>WESTERN HEMISPHERE</b>               | 42.7                      | 64.5                      | 35.9                      | 41.0                      | 47.1                      | 76.6                      | 36.3                      | 63.6                      |
| Argentina                               | 2.7                       | 3.4                       | 5.5                       | 4.0                       | 5.4                       | 5.9                       | 4.9                       | 5.3                       |
| Brazil                                  | 6.3                       | 30.5                      | 5.0                       | 14.4                      | 16.5                      | 51.8                      | 15.2                      | 39.0                      |
| Canada                                  | 17.1                      | 16.3                      | 12.1                      | 13.8                      | 11.5                      | 10.5                      | 11.8                      | 16.2                      |
| Mexico                                  | 1.3                       | 1.1                       | 1.0                       | 1.2                       | 1.2                       | 2.0                       | 2.0                       | 1.8                       |
| Uruguay                                 | 15.4                      | 13.2                      | 12.3                      | 5.3                       | 6.2                       | 3.2                       | 0.9                       | 1.0                       |
| Other                                   | 0.0                       | 0.0                       | 0.1                       | 2.3                       | 6.3                       | 3.2                       | 1.5                       | 0.3                       |
| <b>OTHER</b>                            | 3.5                       | 1.0                       | 1.9                       | 40.3                      | 24.7                      | 3.0                       | 3.7                       | 4.3                       |
| Egypt                                   | 0.0                       | 0.0                       | 0.6                       | 0.0                       | 0.1                       | 0.4                       | 0.0                       | 0.0                       |
| United Arab Emirates                    | 3.0                       | 0.5                       | 0.4                       | 1.0                       | 0.9                       | 0.6                       | 2.5                       | 1.3                       |
| Australia                               | 0.0                       | 0.0                       | 0.4                       | 37.4                      | 23.1                      | 1.0                       | 0.6                       | 2.3                       |
| Other                                   | 0.5                       | 0.4                       | 0.4                       | 1.9                       | 0.6                       | 0.0                       | 0.6                       | 0.7                       |
| <b>TOTAL</b>                            | <b>588.6</b>              | <b>621.2</b>              | <b>674.6</b>              | <b>740.4</b>              | <b>789.4</b>              | <b>772.7</b>              | <b>750.5</b>              | <b>858.9</b>              |

1/ 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 September 10, 2018.

Table 8--U.S. commercial rice exports

| Country<br>or<br>region                           | 2010/11<br>market<br>year 1/ | 2011/12<br>market<br>year 1/ | 2012/13<br>market<br>year 1/ | 2013/14<br>market<br>year 1/ | 2014/15<br>market<br>year 1/ | 2015/16<br>market<br>year 1/ | 2016/17<br>market<br>year 1/ | 2017/18<br>market<br>year 1/ | 2017/18<br>Through<br>Sept. 7, 2017 2/ | 2018/19<br>Through<br>Sept. 6, 2018 2/ |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--|--|
|   | 1,000 tons                   |                              |                              |                              |                              |                              |                              |                              |  |  |
| <b>EUROPE &amp; FSU</b>                           | 101.7                        | 61.3                         | 41.7                         | 38.1                         | 30.2                         | 22.2                         | 14.0                         | 27.8                         | 5.4                                    | 1.6                                    |
| European Union                                    | 90.3                         | 52.2                         | 37.7                         | 30.6                         | 26.8                         | 18.6                         | 11.0                         | 24.8                         | 5.3                                    | 1.4                                    |
| Other Europe                                      | 5.3                          | 5.5                          | 1.1                          | 2.9                          | 2.3                          | 2.5                          | 2.0                          | 2.1                          | 0.0                                    | 0.1                                    |
| Former Soviet Union (FSU)                         | 6.1                          | 3.6                          | 2.9                          | 4.6                          | 1.1                          | 1.1                          | 1.0                          | 0.9                          | 0.1                                    | 0.1                                    |
| <b>NORTHEAST ASIA</b>                             | 473.6                        | 592.3                        | 561.4                        | 474.6                        | 464.1                        | 608.3                        | 690.3                        | 451.4                        | 18.4                                   | 58.4                                   |
| Hong Kong   | 0.6                          | 2.6                          | 6.2                          | 6.2                          | 0.3                          | 1.1                          | 13.2                         | 9.6                          | 3.3                                    | 1.2                                    |
| Japan   | 355.3                        | 375.5                        | 347.6                        | 364.2                        | 307.7                        | 429.6                        | 428.8                        | 322.5                        | 5.1                                    | 54.8                                   |
| South Korea                                       | 100.6                        | 148.6                        | 145.1                        | 72.1                         | 123.5                        | 132.6                        | 220.8                        | 88.3                         | 0.2                                    | 0.2                                    |
| Taiwan  | 17.1                         | 65.6                         | 62.5                         | 32.1                         | 32.6                         | 45.0                         | 27.5                         | 31.0                         | 9.8                                    | 2.2                                    |
| <b>OTHER ASIA, OCEANIA, &amp; THE MIDDLE EAST</b> | 641.8                        | 499.9                        | 463.6                        | 605.8                        | 468.7                        | 487.2                        | 468.4                        | 281.0                        | 64.7                                   | 74.2                                   |
| Australia   | 15.8                         | 10.0                         | 9.1                          | 10.4                         | 6.5                          | 5.5                          | 5.4                          | 5.0                          | 0.4                                    | 0.4                                    |
| 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                         | 2.2                                    | 20.0                                   |
| Israel  | 33.3                         | 22.4                         | 16.9                         | 19.2                         | 9.3                          | 13.7                         | 15.2                         | 7.4                          | 2.3                                    | 1.1                                    |
| Jordan  | 83.0                         | 93.2                         | 71.2                         | 88.7                         | 71.9                         | 82.2                         | 98.5                         | 61.1                         | 25.8                                   | 14.4                                   |
| Micronesia  | 6.0                          | 6.2                          | 5.5                          | 2.0                          | 2.0                          | 1.1                          | 1.7                          | 0.4                          | 0.1                                    | 0.0                                    |
| New Zealand                                       | 6.5                          | 3.0                          | 3.0                          | 3.8                          | 2.1                          | 2.4                          | 3.1                          | 3.1                          | 1.0                                    | 0.9                                    |
| 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                         | 29.4                                   | 24.7                                   |
| Singapore   | 5.3                          | 5.8                          | 6.6                          | 7.5                          | 3.8                          | 3.3                          | 4.5                          | 2.7                          | 0.4                                    | 0.4                                    |
| 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                          | 0.0                                    | 0.5                                    |
| Rest of Asia, Oceania, and Middle East            | 36.6                         | 35.6                         | 27.4                         | 30.3                         | 18.6                         | 21.9                         | 35.4                         | 12.7                         | 3.1                                    | 11.8                                   |
| <b>AFRICA</b>                                     | 432.4                        | 179.6                        | 249.1                        | 110.8                        | 128.0                        | 91.4                         | 147.9                        | 54.1                         | 9.5                                    | 11.1                                   |
| Algeria   | 1.9                          | 0.0                          | 0.0                          | 0.0                          | 0.0                          | 0.0                          | 3.0                          | 0.0                          | 0.0                                    | 0.0                                    |
| Ghana   | 100.2                        | 94.0                         | 112.1                        | 41.7                         | 29.8                         | 0.0                          | 4.2                          | 6.8                          | 4.2                                    | 3.1                                    |
| Guinea-Conakry                                    | 5.0                          | 11.0                         | 4.4                          | 3.6                          | 4.1                          | 3.1                          | 3.4                          | 1.3                          | 1.0                                    | 0.9                                    |
| Liberia   | 38.5                         | 26.7                         | 15.5                         | 6.3                          | 0.5                          | 1.8                          | 4.4                          | 7.7                          | 4.1                                    | 4.5                                    |
| Libya   | 152.9                        | 24.8                         | 89.5                         | 47.8                         | 93.2                         | 86.2                         | 85.1                         | 38.1                         | 0.0                                    | 2.6                                    |
| 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                          | 0.0                                    | 0.0                                    |
| 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                          | 0.2                                    | 0.0                                    |
| <b>WESTERN HEMISPHERE</b>                         | 2,058.3                      | 1,785.0                      | 2,110.9                      | 1,811.2                      | 2,176.0                      | 2,150.6                      | 2,198.1                      | 2,003.4                      | 528.6                                  | 450.2                                  |
| Bahamas   | 6.3                          | 6.3                          | 6.3                          | 6.0                          | 6.1                          | 4.9                          | 4.0                          | 4.5                          | 0.4                                    | 0.8                                    |
| 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                        | 24.8                                   | 18.3                                   |
| Colombia  | 0.2                          | 0.1                          | 150.1                        | 138.9                        | 285.3                        | 159.2                        | 104.5                        | 144.4                        | 30.8                                   | 17.5                                   |
| Costa Rica  | 69.7                         | 58.1                         | 75.3                         | 63.1                         | 91.3                         | 79.4                         | 58.8                         | 66.9                         | 6.3                                    | 21.6                                   |
| Dominican Republic                                | 7.0                          | 8.9                          | 1.7                          | 7.9                          | 6.5                          | 15.0                         | 36.6                         | 15.5                         | 0.1                                    | 1.0                                    |
| El Salvador                                       | 77.0                         | 76.5                         | 83.8                         | 70.1                         | 76.4                         | 89.6                         | 67.4                         | 71.1                         | 20.6                                   | 19.9                                   |
| Guatemala   | 69.4                         | 81.4                         | 77.6                         | 81.5                         | 75.3                         | 113.1                        | 118.6                        | 105.4                        | 27.5                                   | 25.7                                   |
| Haiti   | 248.9                        | 233.4                        | 342.0                        | 323.9                        | 362.1                        | 403.0                        | 423.7                        | 421.0                        | 124.1                                  | 95.4                                   |
| Honduras  | 136.8                        | 140.0                        | 122.4                        | 142.4                        | 132.0                        | 151.8                        | 152.2                        | 161.5                        | 50.4                                   | 59.0                                   |
| Jamaica   | 25.5                         | 11.6                         | 1.2                          | 1.2                          | 1.2                          | 1.2                          | 0.0                          | 0.7                          | 0.0                                    | 0.1                                    |
| Leeward & Windward Islands                        | 9.4                          | 10.2                         | 2.9                          | 1.6                          | 0.5                          | 0.7                          | 0.7                          | 0.8                          | 0.1                                    | 0.3                                    |
| Mexico  | 848.5                        | 803.7                        | 749.5                        | 690.7                        | 716.7                        | 618.7                        | 709.3                        | 695.9                        | 164.0                                  | 170.7                                  |
| Netherlands Antilles                              | 4.8                          | 4.7                          | 4.7                          | 4.6                          | 4.3                          | 4.1                          | 2.9                          | 2.9                          | 0.2                                    | 0.6                                    |
| Nicaragua   | 142.2                        | 40.6                         | 39.9                         | 10.3                         | 2.0                          | 0.0                          | 6.1                          | 10.0                         | 0.0                                    | 0.5                                    |
| Panama  | 88.2                         | 59.7                         | 39.3                         | 24.1                         | 45.8                         | 67.8                         | 65.5                         | 40.6                         | 9.7                                    | 0.5                                    |
| Venezuela   | 149.6                        | 94.1                         | 262.5                        | 98.9                         | 223.9                        | 287.7                        | 318.9                        | 137.6                        | 69.8                                   | 13.5                                   |
| Other Western Hemisphere                          | 6.2                          | 7.9                          | 5.8                          | 7.3                          | 7.2                          | 3.3                          | 3.8                          | 1.7                          | 0.0                                    | 4.8                                    |
| <b>UNKNOWN</b>                                    | 0.0                          | 0.0                          | 0.0                          | 0.0                          | 21.9                         | 0.0                          | 0.0                          | 0.0                          | 0.0                                    | 7.5                                    |
| <b>TOTAL</b>                                      | <b>3,707.7</b>               | <b>3,118.0</b>               | <b>3,426.7</b>               | <b>3,040.7</b>               | <b>3,267.0</b>               | <b>3,359.6</b>               | <b>3,519.6</b>               | <b>2,817.7</b>               | <b>626.6</b>                           | <b>595.5</b>                           |

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 September 11, 2018.

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

| Month or<br>market-<br>year 1/ | United States          |                        |                            | Thailand 5/ |           |        |        | Vietnam 7/ |
|--------------------------------|------------------------|------------------------|----------------------------|-------------|-----------|--------|--------|------------|
|                                | Southern<br>long-grain | Southern<br>long-grain | California<br>medium-grain | 100%        | 5%        | 15%    | A.1 6/ | 5%         |
|                                | milled 2/              | rough 3/               | milled 4/                  | Grade B     | Parboiled | Broken | Super  | Broken     |
|                                | \$ / metric ton        |                        |                            |             |           |        |        |            |
| 2010/11                        | 525                    | 300                    | 813                        | 518         | 522       | 481    | 415    | 471        |
| 2011/12                        | 560                    | 339                    | 703                        | 592         | 587       | 571    | 521    | 477        |
| 2012/13                        | 615                    | 372                    | 703                        | 565         | 568       | 528    | 515    | 410        |
| 2013/14                        | 588                    | 380                    | 838                        | 428         | 441       | 386    | 349    | 399        |
| Aug. 2014                      | 553                    | 329                    | 1030                       | 447         | 441       | NQ     | 339    | 454        |
| Sep. 2014                      | 540                    | 325                    | 1010                       | 449         | 437       | NQ     | 336    | 450        |
| Oct. 2014                      | 530                    | 320                    | 940                        | 446         | 432       | NQ     | 330    | 440        |
| Nov. 2014                      | 530                    | 308                    | 940                        | 434         | 419       | NQ     | 332    | 420        |
| Dec. 2014                      | 520                    | 303                    | 932                        | 424         | 411       | 403    | 326    | 392        |
| Jan. 2015                      | 507                    | 284                    | 913                        | 423         | 410       | 403    | 326    | 374        |
| Feb. 2015                      | 481                    | 263                    | 888                        | 421         | 410       | 400    | 326    | 355        |
| Mar. 2015                      | 485                    | 260                    | 870                        | 413         | 400       | 387    | 327    | 367        |
| Apr. 2015                      | 485                    | 250                    | 863                        | 408         | 392       | 377    | 327    | 358        |
| May 2015                       | 474                    | 229                    | 850                        | 393         | 382       | 371    | 323    | 355        |
| June 2015                      | 461                    | 222                    | 850                        | 383         | 371       | 372    | 322    | 353        |
| July 2015                      | 474                    | 240                    | 850                        | 396         | 390       | 376    | 324    | 350        |
| 2014/15                        | 503                    | 278                    | 911                        | 420         | 408       | 385    | 328    | 389        |
| Aug. 2015                      | 511                    | 278                    | 839                        | 382         | 374       | 358    | 324    | 340        |
| Sep. 2015                      | 565                    | 311                    | 835                        | 366         | 356       | 341    | 318    | 329        |
| Oct. 2015                      | 576                    | 313                    | 835                        | 373         | 362       | 355    | NQ     | 364        |
| Nov. 2015                      | 549                    | 295                    | 825                        | 371         | 358       | 350    | NQ     | 376        |
| Dec. 2015                      | 517                    | 280                    | 802                        | 365         | 354       | 342    | NQ     | 377        |
| Jan. 2016                      | 498                    | 283                    | 790                        | 371         | 360       | 350    | NQ     | 359        |
| Feb. 2016                      | 509                    | 275                    | 790                        | 381         | 372       | 362    | NQ     | 354        |
| Mar. 2016                      | 508                    | 263                    | 790                        | 379         | 371       | 362    | NQ     | 381        |
| Apr. 2016                      | 509                    | 263                    | 719                        | 385         | 376       | 371    | NQ     | 374        |
| May 2016                       | 510                    | 281                    | 685                        | 410         | 410       | 388    | NQ     | 376        |
| June 2016                      | 510                    | 290                    | 650                        | 418         | 422       | 406    | NQ     | 374        |
| July 2016                      | 498                    | 279                    | 650                        | 431         | 455       | 410    | NQ     | 366        |
| 2015/16                        | 522                    | 284                    | 768                        | 386         | 381       | 366    | 321    | 364        |
| Aug. 2016                      | 479                    | 266                    | 622                        | 409         | 412       | 387    | NQ     | 350        |
| Sept. 2016                     | 474                    | 250                    | 618                        | 388         | 384       | 366    | NQ     | 334        |
| Oct. 2016                      | 470                    | 256                    | 621                        | 373         | 367       | 351    | NQ     | 345        |
| Nov. 2016                      | 463                    | 249                    | 618                        | 367         | 359       | 342    | NQ     | 346        |
| Dec. 2016                      | 455                    | 245                    | 597                        | 380         | 368       | 355    | NQ     | 337        |
| Jan. 2017                      | 453                    | 244                    | 575                        | 382         | 373       | 355    | NQ     | 340        |
| Feb. 2017                      | 460                    | 245                    | 575                        | 376         | 369       | 349    | NQ     | 353        |
| Mar. 2017                      | 460                    | 244                    | 575                        | 377         | 367       | 348    | NQ     | 357        |
| Apr. 2017                      | 465                    | 241                    | 591                        | 384         | 375       | 356    | NQ     | 350        |
| May 2017                       | 485                    | 244                    | 603                        | 414         | 405       | 384    | NQ     | 360        |
| June 2017                      | 500                    | 275                    | 613                        | 455         | 447       | 428    | NQ     | 405        |
| July 2017                      | 514                    | 284                    | 725                        | 424         | 418       | 394    | NQ     | 409        |
| 2016/17                        | 474                    | 254                    | 611                        | 394         | 387       | 368    | NQ     | 357        |
| Aug. 2017                      | 543                    | 300                    | 725                        | 406         | 405       | 373    | NQ     | 400        |
| Sept. 2017                     | 548                    | 305                    | 748                        | 413         | 414       | 380    | NQ     | 389        |
| Oct. 2017                      | 563                    | 316                    | 818                        | 403         | 407       | 370    | NQ     | 396        |
| Nov. 2017                      | 565                    | 315                    | 848                        | 404         | 405       | 374    | NQ     | 403        |
| Dec. 2017                      | 573                    | 315                    | 848                        | 410         | 408       | 383    | NQ     | 390        |
| Jan. 2018                      | 585                    | 297                    | 868                        | 433         | 429       | 413    | NQ     | 417        |
| Feb. 2018                      | 590                    | 300                    | 885                        | 422         | 414       | 394    | NQ     | 423        |
| Mar. 2018                      | 593                    | 311                    | 903                        | 420         | 411       | 396    | NQ     | 419        |
| Apr. 2018                      | 590                    | 325                    | 932                        | 442         | 432       | 425    | NQ     | 435        |
| May 2018                       | 620                    | 324                    | 948                        | 448         | 433       | 432    | NQ     | 459        |
| June 2018                      | 620                    | 325                    | 948                        | 426         | 412       | 408    | NQ     | 448        |
| July 2018                      | 615                    | 323                    | 948                        | 393         | 378       | 374    | NQ     | 399        |
| 2017/18                        | 584                    | 313                    | 868                        | 418         | 412       | 394    | NQ     | 415        |
| Aug. 2018 8/                   | 575                    | 289                    | 936                        | 398         | 385       | 381    | NQ     | 397        |
| Sept. 2018 9/                  | 550                    | 285                    | 913                        | 391         | 391       | 377    | NQ     | 395        |
| 2018/19 9/                     | 563                    | 287                    | 925                        | 395         | 388       | 379    | NQ     | 396        |

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

Market year average prices are simple average of monthly prices.

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

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

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

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

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

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

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

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

Agricultural Office, Bangkok, Thailand ([www.fas.usda.gov](http://www.fas.usda.gov)).

Updated September 10, 2018.



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

| Country            | 2017/18 2/           |                |                   |                      |                   | 2018/19 2/     |                   |                      |                   |
|--------------------|----------------------|----------------|-------------------|----------------------|-------------------|----------------|-------------------|----------------------|-------------------|
|                    | September<br>2016/17 | August<br>2018 | September<br>2018 | Monthly<br>revisions | Annual<br>changes | August<br>2018 | September<br>2018 | Monthly<br>revisions | Annual<br>changes |
|                    | 1,000 metric tons    |                |                   |                      |                   |                |                   |                      |                   |
| Afghanistan        | 325                  | 325            | 325               | 0                    | 0                 | 325            | 325               | 0                    | 0                 |
| Argentina          | 863                  | 891            | 891               | 0                    | 28                | 845            | 845               | 0                    | -46               |
| Australia          | 581                  | 454            | 454               | 0                    | -127              | 450            | 450               | 0                    | -4                |
| Bangladesh         | 34,578               | 32,650         | 32,650            | 0                    | -1,928            | 34,700         | 34,400            | -300                 | 1,750             |
| Brazil             | 8,383                | 8,075          | 8,208             | 133                  | -175              | 8,024          | 8,024             | 0                    | -184              |
| Burma              | 12,650               | 13,200         | 13,200            | 0                    | 550               | 13,400         | 13,400            | 0                    | 200               |
| Cambodia           | 5,256                | 5,399          | 5,399             | 0                    | 143               | 5,500          | 5,500             | 0                    | 101               |
| China              | 144,953              | 145,989        | 145,989           | 0                    | 1,036             | 142,200        | 140,800           | -1,400               | -5,189            |
| Colombia           | 1,718                | 1,780          | 1,780             | 0                    | 62                | 1,640          | 1,640             | 0                    | -140              |
| Cote d'Ivoire      | 1,335                | 1,377          | 1,377             | 0                    | 42                | 1,450          | 1,450             | 0                    | 73                |
| Cuba               | 335                  | 370            | 370               | 0                    | 35                | 375            | 375               | 0                    | 5                 |
| Dominican Republic | 575                  | 588            | 588               | 0                    | 13                | 570            | 570               | 0                    | -18               |
| Ecuador            | 800                  | 882            | 882               | 0                    | 82                | 840            | 840               | 0                    | -42               |
| Egypt              | 4,800                | 4,300          | 4,300             | 0                    | -500              | 3,300          | 3,300             | 0                    | -1,000            |
| European Union     | 2,078                | 2,037          | 2,037             | 0                    | -41               | 2,004          | 2,004             | 0                    | -33               |
| Ghana              | 413                  | 440            | 440               | 0                    | 27                | 510            | 510               | 0                    | 70                |
| Guinea             | 1,435                | 1,451          | 1,451             | 0                    | 16                | 1,500          | 1,500             | 0                    | 49                |
| Guyana             | 535                  | 630            | 630               | 0                    | 95                | 690            | 650               | -40                  | 20                |
| India              | 109,698              | 110,000        | 112,910           | 2,910                | 3,212             | 109,000        | 110,000           | 1,000                | -2,910            |
| Indonesia          | 36,858               | 37,000         | 37,000            | 0                    | 142               | 37,300         | 37,300            | 0                    | 300               |
| Iran               | 1,663                | 1,716          | 1,716             | 0                    | 53                | 1,700          | 1,700             | 0                    | -16               |
| Iraq               | 121                  | 210            | 210               | 0                    | 89                | 43             | 43                | 0                    | -167              |
| Japan              | 7,929                | 7,586          | 7,787             | 201                  | -142              | 7,600          | 7,790             | 190                  | 3                 |
| 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              | 3,730          | 3,730             | 0                    | -242              |
| Laos               | 1,950                | 2,000          | 2,000             | 0                    | 50                | 2,050          | 2,050             | 0                    | 50                |
| Liberia            | 195                  | 189            | 189               | 0                    | -6                | 189            | 189               | 0                    | 0                 |
| Madagascar         | 2,442                | 1,984          | 1,984             | 0                    | -458              | 2,304          | 2,304             | 0                    | 320               |
| Malaysia           | 1,820                | 1,820          | 1,820             | 0                    | 0                 | 1,820          | 1,820             | 0                    | 0                 |
| Mali               | 1,808                | 1,899          | 1,899             | 0                    | 91                | 1,885          | 1,885             | 0                    | -14               |
| Mexico             | 175                  | 183            | 183               | 0                    | 8                 | 178            | 178               | 0                    | -5                |
| Mozambique         | 213                  | 234            | 260               | 26                   | 47                | 234            | 254               | 20                   | -6                |
| Nepal              | 3,480                | 3,310          | 3,310             | 0                    | -170              | 3,330          | 3,330             | 0                    | 20                |
| Nigeria            | 3,780                | 3,780          | 3,780             | 0                    | 0                 | 3,780          | 3,780             | 0                    | 0                 |
| Pakistan           | 6,849                | 7,500          | 7,500             | 0                    | 651               | 7,400          | 7,400             | 0                    | -100              |
| Paraguay           | 502                  | 643            | 643               | 0                    | 141               | 674            | 674               | 0                    | 31                |
| Peru               | 2,185                | 2,120          | 2,120             | 0                    | -65               | 2,180          | 2,100             | -80                  | -20               |
| Philippines        | 11,686               | 12,300         | 12,235            | -65                  | 549               | 12,350         | 12,300            | -50                  | 65                |
| Russia             | 703                  | 642            | 642               | 0                    | -61               | 620            | 620               | 0                    | -22               |
| Sierra Leone       | 731                  | 756            | 756               | 0                    | 25                | 756            | 756               | 0                    | 0                 |
| Sri Lanka          | 2,034                | 2,511          | 2,248             | -263                 | 214               | 2,631          | 2,631             | 0                    | 383               |
| Taiwan             | 1,144                | 1,138          | 1,138             | 0                    | -6                | 1,138          | 1,138             | 0                    | 0                 |
| Tanzania           | 1,848                | 1,848          | 1,848             | 0                    | 0                 | 1,947          | 1,947             | 0                    | 99                |
| Thailand           | 19,200               | 20,370         | 20,370            | 0                    | 1,170             | 21,200         | 21,200            | 0                    | 830               |
| Turkey             | 500                  | 520            | 520               | 0                    | 20                | 540            | 540               | 0                    | 20                |
| Uganda             | 152                  | 159            | 159               | 0                    | 7                 | 159            | 159               | 0                    | 0                 |
| United States      | 7,117                | 5,659          | 5,659             | 0                    | -1,458            | 6,695          | 6,969             | 274                  | 1,310             |
| Uruguay            | 987                  | 884            | 952               | 68                   | -35               | 887            | 887               | 0                    | -65               |
| Venezuela          | 305                  | 275            | 275               | 0                    | -30               | 140            | 140               | 0                    | -135              |
| Vietnam            | 27,400               | 28,943         | 28,943            | 0                    | 1,543             | 29,069         | 29,069            | 0                    | 126               |
| Subtotal           | 482,959              | 484,562        | 487,572           | 3,010                | 4,613             | 483,452        | 483,066           | -386                 | (4,506)           |
| Others             | 3,933                | 3,978          | 4,000             | 22                   | 67                | 4,113          | 4,094             | -19                  | 94                |
| World total        | 486,892              | 488,540        | 491,572           | 3,032                | 4,680             | 487,565        | 487,160           | -405                 | -4,412            |

-- 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.asp>;

Updated September 10, 2018.

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

| Country        | 2018 1/                          |                |                   |                      |                   | 2019 1/        |                   |                      |                   |
|----------------|----------------------------------|----------------|-------------------|----------------------|-------------------|----------------|-------------------|----------------------|-------------------|
|                | September<br>2017                | August<br>2018 | September<br>2018 | Monthly<br>revisions | Annual<br>changes | August<br>2018 | September<br>2018 | Monthly<br>revisions | Annual<br>changes |
|                | 1,000 metric tons (milled basis) |                |                   |                      |                   |                |                   |                      |                   |
| Argentina      | 392                              | 350            | 350               | 0                    | -42               | 400            | 400               | 0                    | 50                |
| Australia      | 187                              | 275            | 275               | 0                    | 88                | 275            | 275               | 0                    | 0                 |
| Brazil         | 594                              | 950            | 950               | 0                    | 356               | 700            | 750               | 50                   | -200              |
| Burma          | 3,350                            | 3,300          | 3,100             | -200                 | -250              | 3,500          | 3,200             | -300                 | 100               |
| Cambodia       | 1,150                            | 1,250          | 1,250             | 0                    | 100               | 1,300          | 1,300             | 0                    | 50                |
| China          | 1,173                            | 1,600          | 1,600             | 0                    | 427               | 1,800          | 1,800             | 0                    | 200               |
| Cote d'Ivoire  | 30                               | 30             | 30                | 0                    | 0                 | 30             | 30                | 0                    | 0                 |
| Egypt          | 100                              | 50             | 50                | 0                    | -50               | 20             | 20                | 0                    | -30               |
| European Union | 369                              | 350            | 350               | 0                    | -19               | 350            | 350               | 0                    | 0                 |
| Guinea         | 80                               | 80             | 80                | 0                    | 0                 | 80             | 80                | 0                    | 0                 |
| Guyana         | 455                              | 480            | 480               | 0                    | 25                | 480            | 500               | 20                   | 20                |
| India          | 12,560                           | 12,800         | 13,000            | 200                  | 440               | 12,500         | 13,000            | 500                  | 0                 |
| Japan          | 50                               | 50             | 50                | 0                    | 0                 | 50             | 50                | 0                    | 0                 |
| Kazakhstan     | 50                               | 60             | 60                | 0                    | 10                | 50             | 50                | 0                    | -10               |
| Mexico         | 90                               | 95             | 95                | 0                    |                   | 90             | 90                | 0                    | -5                |
| Pakistan       | 3,642                            | 4,300          | 4,300             | 0                    | 658               | 4,300          | 4,300             | 0                    | 0                 |
| Paraguay       | 500                              | 600            | 600               | 0                    | 100               | 650            | 650               | 0                    | 50                |
| Peru           | 100                              | 100            | 100               | 0                    | 0                 | 50             | 50                | 0                    | -50               |
| Russia         | 175                              | 160            | 160               | 0                    | -15               | 160            | 160               | 0                    | 0                 |
| Senegal        | 10                               | 10             | 10                | 0                    | 0                 | 10             | 10                | 0                    | 0                 |
| South Africa   | 109                              | 120            | 120               | 0                    | 11                | 150            | 150               | 0                    | 30                |
| Surinam        | 90                               | 95             | 95                | 0                    | 5                 | 100            | 100               | 0                    | 5                 |
| Tanzania       | 40                               | 30             | 30                | 0                    | -10               | 50             | 50                | 0                    | 20                |
| Thailand       | 11,615                           | 10,500         | 10,500            | 0                    | -1,115            | 11,000         | 11,000            | 0                    | 500               |
| Turkey         | 56                               | 55             | 55                | 0                    | -1                | 60             | 60                | 0                    | 5                 |
| Uganda         | 40                               | 40             | 40                | 0                    | 0                 | 40             | 40                | 0                    | 0                 |
| United States  | 3,349                            | 2,950          | 2,950             | 0                    | -399              | 3,200          | 3,200             | 0                    | 250               |
| Uruguay        | 1,051                            | 860            | 900               | 40                   | -151              | 800            | 800               | 0                    | -100              |
| Venezuela      | 40                               | 20             | 20                | 0                    | -20               | 0              | 0                 | 0                    | -20               |
| Vietnam        | 6,488                            | 7,000          | 7,000             | 0                    | 512               | 7,000          | 7,000             | 0                    | 0                 |
| Subtotal       | 47,935                           | 48,560         | 48,600            | 40                   | 660               | 49,195         | 49,465            | 270                  | 865               |
| Other          | 137                              | 305            | 305               | 0                    | 173               | 254            | 254               | 0                    | (51)              |
| World total    | 48,072                           | 48,865         | 48,905            | 40                   | 833               | 49,449         | 49,719            | 270                  | 814               |
| U.S. Share     | 7.0%                             | 6.0%           | 6.0%              | --                   | --                | 6.5%           | 6.4%              | 0                    | --                |

-- 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.asp>

Last updated September 10, 2018.

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

| Country              | 2018 1/                   |                |                   |                      |                   | 2019 1/        |                   |                      |                   |
|----------------------|---------------------------|----------------|-------------------|----------------------|-------------------|----------------|-------------------|----------------------|-------------------|
|                      | August<br>2017            | August<br>2018 | September<br>2018 | Monthly<br>revisions | Annual<br>changes | August<br>2018 | September<br>2018 | Monthly<br>revisions | Annual<br>changes |
|                      | 1,000 tons (milled basis) |                |                   |                      |                   |                |                   |                      |                   |
| Afghanistan          | 367                       | 450            | 450               | 0                    | 83                | 475            | 475               | 0                    | 25                |
| Australia            | 164                       | 155            | 155               | 0                    | -9                | 160            | 160               | 0                    | 5                 |
| Bangladesh           | 2,348                     | 1,200          | 1,400             | 200                  | -948              | 1,100          | 1,100             | 0                    | -300              |
| Brazil               | 754                       | 650            | 650               | 0                    | -104              | 700            | 650               | -50                  | 0                 |
| Cameroon             | 600                       | 650            | 650               | 0                    | 50                | 700            | 700               | 0                    | 50                |
| Canada               | 364                       | 370            | 370               | 0                    | 6                 | 380            | 380               | 0                    | 10                |
| China                | 5,900                     | 5,500          | 5,500             | 0                    | -400              | 5,500          | 5,500             | 0                    | 0                 |
| Colombia             | 105                       | 110            | 110               | 0                    | 5                 | 150            | 150               | 0                    | 40                |
| Costa Rica           | 140                       | 170            | 170               | 0                    | 30                | 160            | 160               | 0                    | -10               |
| Cote d'Ivoire        | 1,350                     | 1,500          | 1,400             | -100                 | 50                | 1,650          | 1,450             | -200                 | 50                |
| Cuba                 | 429                       | 500            | 500               | 0                    | 71                | 550            | 550               | 0                    | 50                |
| Egypt                | 90                        | 50             | 50                | 0                    | -40               | 400            | 400               | 0                    | 350               |
| European Union       | 1,985                     | 1,900          | 1,900             | 0                    | -85               | 2,000          | 2,000             | 0                    | 100               |
| Ghana                | 650                       | 700            | 700               | 0                    | 50                | 680            | 680               | 0                    | -20               |
| Guinea               | 700                       | 775            | 775               | 0                    | 75                | 800            | 800               | 0                    | 25                |
| Haiti                | 564                       | 540            | 540               | 0                    | -24               | 560            | 560               | 0                    | 20                |
| Honduras             | 114                       | 140            | 140               | 0                    | 26                | 150            | 150               | 0                    | 10                |
| Hong Kong            | 334                       | 345            | 345               | 0                    | 11                | 345            | 345               | 0                    | 0                 |
| Indonesia            | 350                       | 2,000          | 2,000             | 0                    | 1,650             | 1,200          | 1,200             | 0                    | -800              |
| Iran                 | 1,500                     | 1,300          | 1,300             | 0                    | -200              | 1,400          | 1,400             | 0                    | 100               |
| Iraq                 | 1,060                     | 1,150          | 1,150             | 0                    | 90                | 1,250          | 1,250             | 0                    | 100               |
| Japan                | 679                       | 685            | 685               | 0                    | 6                 | 685            | 685               | 0                    | 0                 |
| Jordan               | 220                       | 220            | 220               | 0                    | 0                 | 230            | 230               | 0                    | 10                |
| Kenya                | 675                       | 700            | 700               | 0                    |                   | 750            | 750               | 0                    |                   |
| Korea, North         | 80                        | 80             | 80                | 0                    | 0                 | 80             | 80                | 0                    | 0                 |
| Korea, South         | 412                       | 410            | 410               | 0                    | -2                | 410            | 410               | 0                    | 0                 |
| Liberia              | 370                       | 400            | 400               | 0                    | 30                | 430            | 430               | 0                    | 30                |
| Libya                | 200                       | 250            | 250               | 0                    | 50                | 260            | 260               | 0                    | 10                |
| Madagascar           | 680                       | 500            | 500               | 0                    | -180              | 300            | 300               | 0                    | -200              |
| Malaysia             | 900                       | 900            | 900               | 0                    | 0                 | 1,000          | 1,000             | 0                    | 100               |
| Mexico               | 910                       | 850            | 850               | 0                    | -60               | 880            | 880               | 0                    | 30                |
| Mozambique           | 710                       | 725            | 725               | 0                    | 15                | 750            | 750               | 0                    | 25                |
| Nicaragua            | 88                        | 75             | 75                | 0                    | -13               | 85             | 85                | 0                    | 10                |
| Niger                | 300                       | 310            | 310               | 0                    | 10                | 320            | 320               | 0                    | 10                |
| Nigeria              | 2,500                     | 2,600          | 2,600             | 0                    | 100               | 3,000          | 3,000             | 0                    | 400               |
| Philippines          | 1,200                     | 1,400          | 1,400             | 0                    | 200               | 1,100          | 1,200             | 100                  | -200              |
| Russia               | 244                       | 260            | 260               | 0                    | 16                | 270            | 270               | 0                    | 10                |
| Saudi Arabia         | 1,195                     | 1,250          | 1,250             | 0                    | 55                | 1,300          | 1,300             | 0                    | 50                |
| Senegal              | 1,100                     | 1,150          | 1,150             | 0                    | 50                | 1,250          | 1,250             | 0                    | 100               |
| Sierra Leone         | 390                       | 475            | 400               | -75                  | 10                | 500            | 450               | -50                  | 50                |
| Singapore            | 323                       | 325            | 325               | 0                    | 2                 | 330            | 330               | 0                    | 5                 |
| South Africa         | 1,054                     | 1,000          | 1,000             | 0                    | -54               | 1,000          | 1,000             | 0                    | 0                 |
| Sri Lanka            | 750                       | 350            | 350               | 0                    | -400              | 300            | 300               | 0                    | -50               |
| Syria                | 150                       | 140            | 140               | 0                    | -10               | 140            | 140               | 0                    | 0                 |
| Taiwan               | 113                       | 120            | 120               | 0                    | 7                 | 120            | 120               | 0                    | 0                 |
| Thailand             | 250                       | 250            | 250               | 0                    | 0                 | 250            | 250               | 0                    | 0                 |
| Turkey               | 300                       | 350            | 350               | 0                    | 50                | 350            | 350               | 0                    | 0                 |
| United Arab Emirates | 750                       | 825            | 825               | 0                    | 75                | 900            | 900               | 0                    | 75                |
| United States        | 787                       | 855            | 855               | 0                    | 68                | 855            | 855               | 0                    | 0                 |
| Venezuela            | 330                       | 450            | 500               | 50                   | 170               | 350            | 450               | 100                  | -50               |
| Vietnam              | 500                       | 400            | 400               | 0                    | -100              | 400            | 400               | 0                    | 0                 |
| Yemen                | 390                       | 410            | 410               | 0                    | 20                | 420            | 420               | 0                    | 10                |
| Subtotal             | 38,418                    | 38,870         |                   | 75                   | 502               | 39,325         | 39,225            | -100                 | 230               |
| Other countries 2/   | 9,654                     | 9,995          | 48,905            | -35                  | 331               | 10,124         | 10,494            | 370                  | 584               |
| World total          | 48,072                    | 48,865         | 48,905            | 40                   | 833               | 49,449         | 49,719            | 270                  | 814               |

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

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

Source: *Production, Supply, & Distribution Online Data Base*, USDA, Foreign Agricultural Service, <http://www.fas.usda.gov/psdonline/psdHome.aspx>.

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# Contacts & Additional Information

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## Data

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