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Rice Outlook

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U.S. 2003 Rough Rice Crop Projection Lowered To 197 Million Cwt

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The next release is
Dec. 12, 2003

Approved by the
World Agricultural
Outlook Board.

There were two supply-side revisions this month to the U.S. 2003/04 supply and use projections. First, the U.S. crop forecast was cut more than 900,000 hundredweight (cwt) to 197.2 million based on a slightly lower yield. Despite the reduction, the yield remains the highest on record. Second, imports were raised 500,000 cwt to a record 16 million. These revisions lowered total supplies fractionally to 240 million cwt.

There were no revisions this month to total domestic and residual use or total exports. However, long grain exports were lowered 1 million cwt to 70 million, while combined medium/short grain exports were raised 1 million cwt to 21 million. The smaller total supply forecast resulted in a 2-percent reduction in ending stocks to 24.9 million cwt, the smallest since 1998/99.

The 2003/04 season-average farm price forecast was lowered 15 cents on both ends to \$6.10-\$6.60 per cwt, still the highest since 1998/99. The reduction was based on reported monthly cash prices through mid-September.

The 2003/04 global rice production forecast was lowered 1.2 million tons to 389.3 million tons (milled basis). Crop forecasts were lowered for India, South Korea, Japan, and the United States. Global rice consumption remains projected at a record 412.3 million tons. Global ending stocks are projected at 82.8 million tons, down 3 percent from last month's forecast and the lowest since 1983/84. China accounts for most of the decline in global ending stocks in 2003/04.

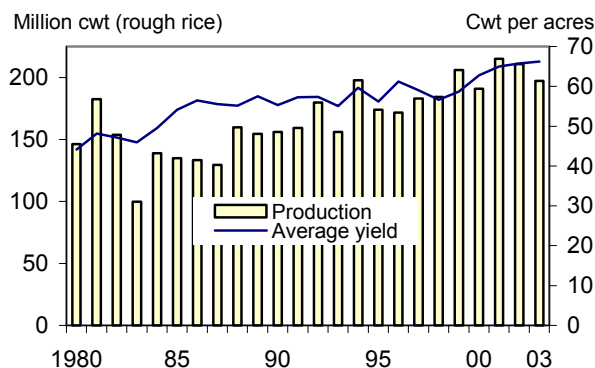
Global rice trade for calendar year 2004 was lowered 400,000 tons to 25.7 million tons (milled basis), down 1.2 million from 2003. Export forecasts were lowered for India and Thailand. On the import side trade forecasts were lowered for Iran, Iraq, and the Dominican Republic.

Export price quotes for higher-quality grades of Thailand's regular milled white rice have declined over the last month, primarily due to the release of government stocks. In contrast, strong demand and tight supplies have caused Vietnam's price quotes to increase a few dollars per ton since early September. U.S. price quotes for both regular milled long grain and medium grain milled rice continue to increase due to a tight U.S. supply situation. The U.S. price difference over comparable quality Thai rice is more than \$135 per ton, the highest since the spring of 1999.

U.S. 2003/04 Rice Crop Forecast Lowered Nearly Million Cwt to 197.2 Million

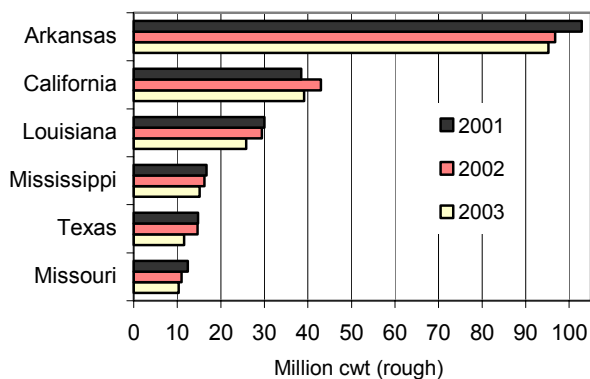
This month, the U.S. Department of Agriculture (USDA) lowered its 2003/04 U.S. rough rice production forecast 923,000 hundredweight (cwt) to 197.2 million, nearly 7 percent less than a year earlier. The downward revision is the result of a 31-pound-per-acre decrease in the average yield to 6,624 pounds, still the highest on record and nearly 1 percent above a year earlier. This is the fourth consecutive year of a record U.S. rice yield. Plantings remain estimated at 3 million acres, more than 7 percent below last year.

Figure 1
U.S. rice production is projected to decline 7 percent in 2003



2003 forecasts.
 Sources: NASS, USDA and ERS, USDA.

Figure 2
California, Louisiana, and Texas account for the bulk of the decline in 2003 U.S. rice production



Source: NASS/USDA.

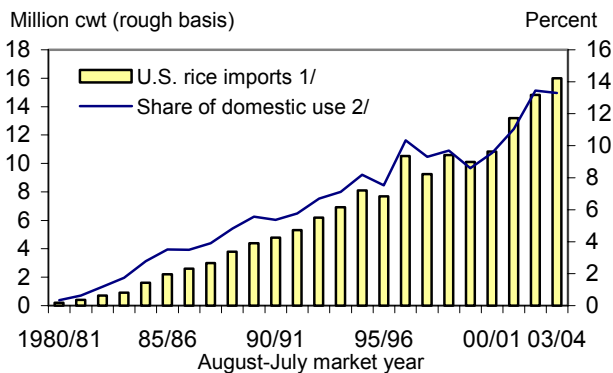
Texas and California account for the bulk of this month's downward revision in the U.S. rice production forecast. Production in Texas was lowered 543,000 cwt to 11.6 million based on a 300-pound per acre drop in the average yield to 6,400 pounds. The California rice crop was lowered 495,000 cwt to 39.1 million based on a 100-pound-per-acre drop in the yield to 7,900 pounds. In contrast, Mississippi's production forecast was raised fractionally to 15.1 million cwt. By class of rice, long grain production was lowered more than 1 percent this month to 145.3 million cwt. Short grain production—accounting for slightly more than 1 percent of the total U.S. crop—was lowered 16 percent to 2.7 million cwt. In contrast, medium grain production was raised more than 3 percent to 49.2 million cwt.

This year, rice production is forecast to decline in all reported States. California, Louisiana, and Texas account for the bulk of the year-to-year decline in U.S. rice production. California's crop forecast of 39.1 million cwt is 9 percent below a year earlier. A 6-percent drop in harvested area to 495,000 acres accounts for most of the decline. Plantings in California were delayed this year by excessive rain. The yield is 2 percent below a year earlier. A 10-percent drop in yield and a 12 percent decline in plantings are behind the almost 21-percent decline in Texas rice production. At 181,000 acres, rice plantings in Texas are the smallest since the 1930s. Louisiana's crop is projected at 25.8 million cwt, more than 12 percent below a year earlier, a result of smaller plantings. The yield of 5,800 pounds per acre is a record high.

The Arkansas crop is projected to decline more than 2 percent to 95.2 million cwt, a result of a 3-percent drop in harvested area to 1.45 million acres. The yield is projected at a record 6,550 pounds per acre. Mississippi's rice production is projected at 15 million cwt, down 7 percent from a year earlier, a result of smaller plantings. The yield is projected to be up slightly. The area decline in the South is primarily due to low price expectations at planting and weather problems in specific localities within the region. In Missouri, the 2003 crop remains projected at 10.4 million cwt, a drop of nearly 6 percent from a year earlier, a result of smaller plantings. The yield is projected at a record 6,100 pounds per acre.

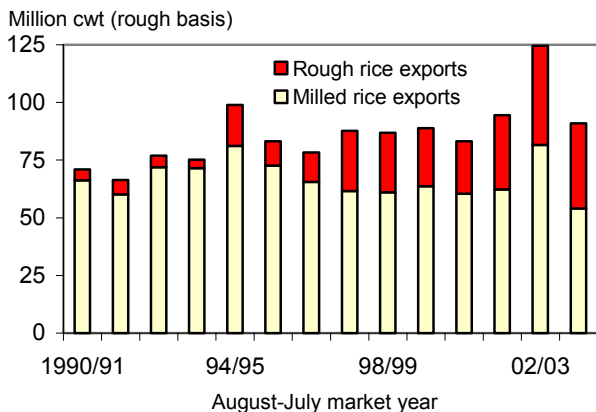
Total supplies for 2003/04 were lowered fractionally this month to 240 million cwt, down 9 percent from the year-earlier record. This month's downward revision in total supplies is the result of a slightly smaller carry-in and the weaker crop projection more than offsetting a higher import forecast. Beginning stocks for 2003/04 are estimated at 26.8 million cwt, down fractionally from last month's forecast—a result of a revised 2002/03 milling yield—and 31 percent below a year earlier. Imports were raised 500,000 cwt to a record 16 million cwt, up 8 percent from a year earlier.

Figure 3
U.S. rice imports are projected at a record 16 million cwt in 2003/04



1/ Includes imports by U.S. territories. 2/ Does not include seed use.
 Sources: 1980/81-2002/03 import data, Bureau of the Census. 2003/04 USDA forecasts.

Figure 4
U.S. rice exports are projected to drop 27 percent in 2003/04



Sources: 1990/91 to 2002/03 Bureau of the Census. 2003/04 USDA projections.

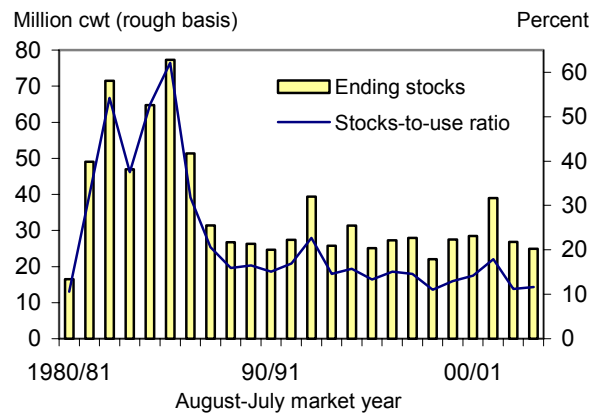
Total use for 2003/04 is projected at 215.1 million cwt, unchanged from last month but almost 10 percent below the year-earlier record. Total rice exports for 2003/04 remain forecast at 91 million cwt, 27 percent below the year-earlier record. Milled rice exports (both fully milled and brown rice) remain forecast at 54 million cwt, 34 percent below a year earlier. Rough rice exports remain projected at 37 million cwt, a drop of 14 percent from a year earlier.

Total domestic and residual use—projected at a record 124.1 million cwt—is unchanged from last month but up 9 percent from the revised forecast of a year earlier. *Food, industrial, and residual use* for 2003/04 remains projected at a record 120 million cwt, more than 9 percent higher than a year earlier. *Seed use* remains forecast at 4.1 million cwt.

U.S. Ending Stocks Projection for 2003/04 Lowered 2 Percent to 24.9 Million Cwt

Ending stocks for 2003/04 are projected at 24.9 million cwt, about 450,000 cwt below last month's forecast and 7 percent below a year earlier. These are the smallest ending stocks since 1998/99. The resulting stocks-to-use ratio is 11.6 percent, virtually unchanged from last month but slightly higher than a year earlier.

Figure 5
U.S. ending stocks are projected to decline 7 percent in 2003/04



2003/04 forecasts.
 Sources: NASS/USDA and WAOB/USDA.

Through October 5, about 80 percent of the total 2003 U.S. rice crop had been harvested, 1-2 percentage points behind a year earlier and the 5-year average. Harvest is 99 percent complete in Texas, about even with last year and the State's 5-year average. In Louisiana, harvest was 97 percent complete, also about the same as a year earlier and the State's 5-year average.

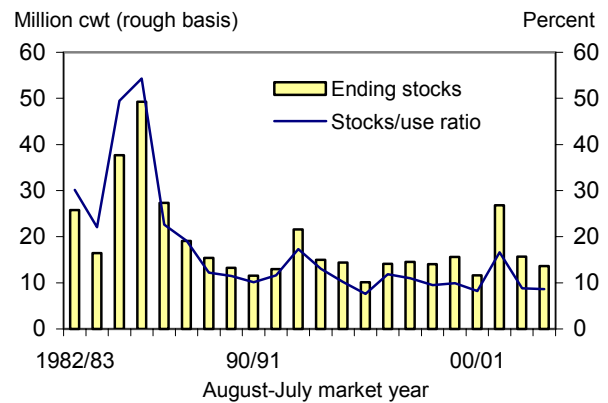
Harvest was less advanced in other producing States. The 2003 rice harvest was 85 percent complete in Mississippi by October 5, ahead of last year's 75 percent but even with the State's 5-year average. In Arkansas, the rice harvest was reported 86 percent complete, 6 percentage points ahead of a year earlier but even with the State's 5-year average. Rice harvesting in Missouri was 68 percent complete by October 5, about 5 percentage points ahead of last year's pace but slightly behind the State's 5-year average. At 40 percent complete, the pace of the California harvest through October 5 was 26 percentage points behind a year earlier and 8 percentage points behind the State's 5-year average.

U.S. 2003/04 Long Grain Ending Stocks Projection Lowered 1 Million Cwt to 13.6 Million

Total U.S. 2003/04 long grain supplies are projected at 171.5 million cwt, down 1 percent from last month and 12 percent below a year earlier. A reduced carry-in and the smaller crop forecast account for the lower supply projection. Beginning stocks of long grain rice are estimated at 15.7 million cwt, down fractionally from last month's forecast and 41 percent below a year earlier. Long grain production of 145.3 million cwt is 8 percent below a year earlier. Long grain imports remain projected at a record 10.5 million cwt, nearly 5 percent above a year earlier.

Total long grain use is projected at 157.8 million cwt, down 1 million cwt from last month's forecast and nearly 12 percent below a year earlier. Long grain exports are projected at 70 million cwt, down 1 million from last month's forecast and 30 percent below the revised forecast of a year earlier. Total domestic and residual use of long grain rice remains projected at a near-record 87.8 million cwt, 11 percent higher than a year earlier. Ending stocks of long

Figure 6
U.S. long grain ending stocks are projected to drop 13 percent in 2003/04



2003/04 forecasts.
Source: NASS/USDA and WAOB/USDA.

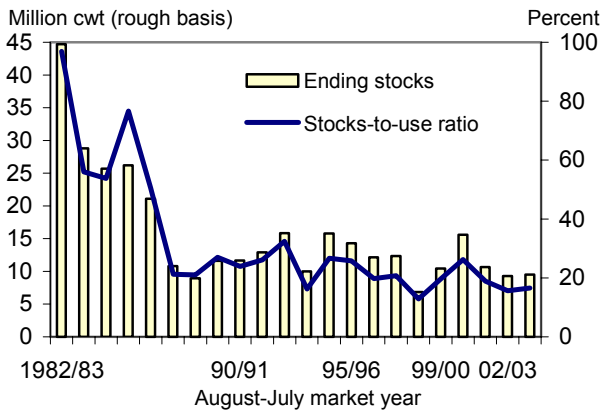
grain rice are projected at 13.6 million cwt, down 7 percent from last month's forecast and 13 percent below a year earlier. The stocks-to-use ratio—projected at 8.6 percent—is down from 9.2 percent last month and is slightly below a year earlier.

Combined medium/short grain supplies for 2003/04 are projected at 66.7 million cwt, up 2 percent from last month's forecast but 3 percent below a year earlier. A larger crop and higher import forecast more than offset a fractional reduction in beginning stocks resulting from the revised 2002/03 milling yield estimate. Beginning stocks of medium/short grain rice are projected at 9.3 million cwt, 13 percent below a year earlier. Medium/short grain production of 52 million cwt is up 2 percent from last month but 3 percent smaller than a year earlier. Imports are projected at a record 5.5 million cwt, up 500,000 from last month and 15 percent larger than a year earlier. The bulk of U.S. imports of medium/short grain rice are imported by Puerto Rico.

Combined medium/short grain rice total use for 2003/04 is projected at 57.2 million cwt, up 1 million cwt from last month's forecast but 4 percent below a year earlier. Medium/short grain exports are projected at 21 million cwt, up 1 million from last month but 17 percent below last year's near-record. Domestic and residual use of medium/short grain rice remains projected at 36.2 million cwt, 6 percent higher than a year earlier.

Figure 7

Little change is projected for medium/short grain ending stocks in 2003/04



2003/04 projections.
Sources: ERS/USDA and WAOB/USDA.

Ending stocks of medium/short grain rice are projected at 9.5 million cwt, up 524,000 cwt from last month's forecast and 3 percent higher than a year earlier. The stocks-to-use ratio is projected to be 16.6 percent, up from 16 percent last month and 1 percentage point above a year earlier.

U.S. 2002/03 Total Rice Export Estimate Raised to 124.5 Million Cwt

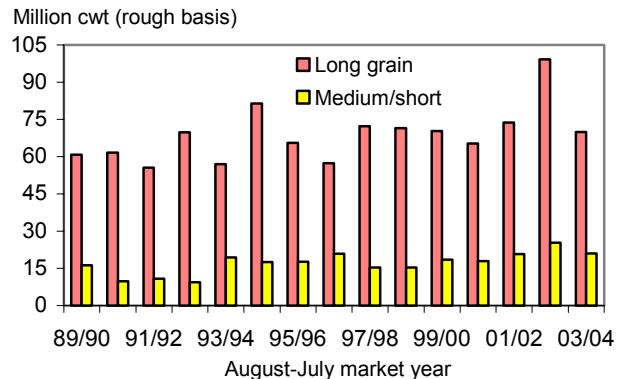
The only supply-side revision this month for 2002/03 was a slight reduction in imports to 14.8 million cwt, still the largest to date. The revision was based on U.S. Census data through July 2003. On the use side, total U.S. rice exports were raised 1.6 million cwt to a record 124.6 million, 32 percent higher than a year earlier. The increase was based on U.S. Census shipment data through July 2003. Rough rice exports were raised fractionally to 43 million, a record and 34 percent higher than a year earlier. Milled rice exports were raised 1.5 million cwt to 81.5 million, up 30 percent from a year earlier.

Long grain 2002/03 exports are projected at a record 99.2 million, up 1.2 million cwt from last month's forecast and 35 percent higher than a year earlier. Combined medium/short grain exports are projected at near-record 25.3 million cwt, up fractionally from last month and 22 percent higher than a year earlier.

On the domestic side, total domestic use and residual was reduced almost 2 percent to 113.4 million cwt, a

Figure 8

U.S. 2002/03 long grain exports were a record 99 million cwt



Sources: 1989/90 to 2002/03, Bureau of the Census; 2003/04 USDA projections.

decline of 8 percent from a year earlier. *Food, industrial, and residual use*—projected at 109.7 million cwt—accounts for all of the month-to-month reduction in domestic and residual use. The decline was the result of the higher export forecast. *Food, industrial, and residual use* is the “balancer” in the supply and use tables. This term includes, in addition to food use and industrial uses—mostly beer—a residual or unaccounted uses of rice or losses in processing and marketing. Both long and combined medium/short grain domestic and residual use projections were lowered this month. *Seed use* remains projected at 3.7 million cwt, down 7 percent from a year earlier.

Total ending stocks for 2002/03 are estimated at 26.8 million cwt, down fractionally from last month's forecast based on the revised milling yield of 68.3 percent. Ending stocks are 31 percent below a year earlier. The stocks-to-use ratio is projected at 11.2 percent, virtually unchanged from last month but well below the 17.9 percent of a year earlier.

According to the *U.S. Export Sales* report (Foreign Agricultural Service, USDA), for the week ending October 2, 2003, combined outstanding sales and commercial exports of U.S. rice totaled 1.09 million tons (product-weight), 8 percent less than a year earlier. Exports were reported at 520,900 tons, virtually unchanged from a year earlier. Outstanding sales were reported at 666,200 tons, down 14 percent from a year earlier. Commercial shipments were higher in 2003/04 through October 2 than a year

earlier to Brazil, Cuba, and Venezuela. In contrast, commercial shipments were behind last year's pace to Mexico, Nicaragua, Saudi Arabia, and Sub-Saharan Africa.

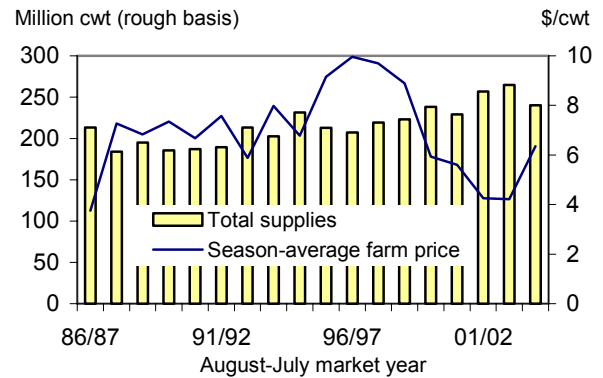
U.S. 2003/04 Season-Average Farm Price Lowered to \$6.10-\$6.60 Per Cwt

The 2003/04 season-average farm price (SAFP) is projected at \$6.10-\$6.60 per cwt, down 15 cents on both the high and low ends from last month's forecast but still well above \$4.22 a year earlier. This month's downward revision was based on monthly cash prices through mid-September reported by USDA's National Agricultural Statistics Service. The 2003/04 SAF is the highest since 1998/99. Last month, USDA estimated the mid-September price at \$5.46 per cwt and lowered the August price to \$5.27 per cwt from a preliminary \$5.40.

For the week ending October 7, cash prices for long grain rough rice in the Delta were quoted at \$6.75 per cwt, unchanged from a month earlier. In southwest Louisiana, quotes for 2003 long grain rough rice were reported at \$7.30 per cwt, up 50 cents from a month earlier. In Texas, price quotes were reported at \$7.00 per cwt, up 30 cents from a month earlier. These are the highest price quotes for southern long grain rice in more than 4 years.

Price quotes for California medium grain rough rice were calculated around \$10.50 per cwt for the week ending October 7, up 35 cents from a month earlier and the highest since April 1999. Because the bulk of California's rough rice is sold under some type of a pooling method, rough rice prices are determined by the price of milled rice. In the Delta, where the bulk of southern medium grain rice is produced, rice quotes for southern medium grain rough rice were quoted at \$8 per cwt, unchanged from early September and the highest since February 1999.

Figure 9
The U.S. rough rice season-average farm price is projected to be the highest since 1998/99



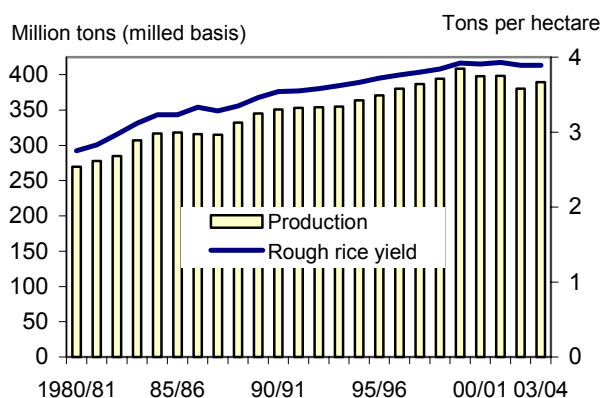
2003/04 mid-point of \$6.10 to \$6.60 projection range.
 Sources: 1986/87 to 2002/03 NASS/USDA; 2003/04 USDA projections.

Production Forecasts for 2003/04 Lowered For India, Japan, and South Korea

Global rice production for 2003/04 is projected at 389.3 million tons (milled basis), down 1.2 million from last month's forecast but more than 2 percent larger than a year earlier. The 2003/04 crop is 4 percent below the 1999/2000 record. Global rice consumption remains projected at a record 412.3 million tons. Ending stocks are projected at 82.8

Figure 10

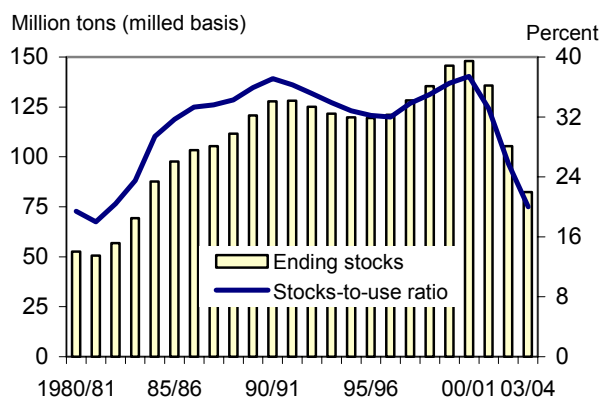
Global rice production is projected to increase more than 2 percent in 2003/04



2002/03 estimates; 2003/04 forecasts.
Sources: FAS/USDA and ERS/USDA.

Figure 11

Global ending stocks for 2003/04 are projected to drop 22 percent



2002/03 estimates; 2003/04 forecasts.
Sources: FAS/USDA and ERS/USDA.

million tons, down 3 percent from last month's forecast and 22 percent below a year earlier. Ending stocks are the lowest since 1983/84. This is the third consecutive year of declining global ending stocks. China accounts for most of the decline in global ending stocks in 2003/04.

India accounts for the bulk of this month's reduction in the 2003/04 global rice production forecast. India's 2003/04 production forecast was lowered 1 million tons to 89 million based on smaller area. Despite this month's reduction, India's crop is still projected to be 18 percent larger than a year earlier, a major factor behind this year's larger global rice production.

In addition, there were two 2003/04 crop reductions made for North East Asia this month plus the slight reduction in the U.S. crop. First, South Korea's crop forecast was lowered 200,000 tons to 4.5 million based on a lower yield resulting from a very wet and cool growing season. This is smallest crop for South Korea since 1980/81. Second, Japan's 2003/04 crop forecast was lowered 100,000 tons to 7.1 million, also based on a weaker yield. This is the smallest crop for Japan since 1993/94. Despite big annual declines in rice production in 2003/04 in these two countries, no additional imports above WTO minimum access levels are projected.

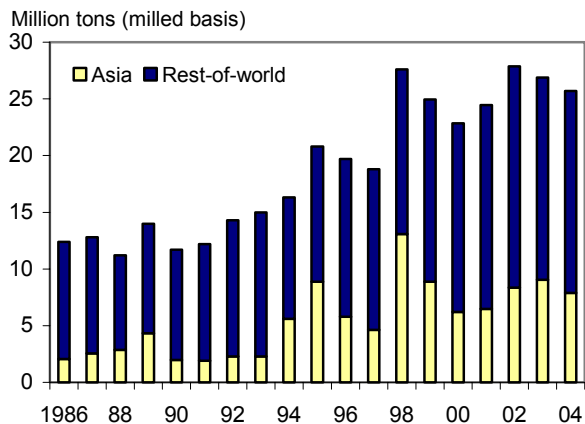
Finally, the U.S. crop forecast was reduced fractionally to 6.17 million tons based on a lower yield. Partially offsetting these reductions were production increases for Laos and Venezuela.

This month, USDA raised its 2002/03 global rice production forecast about 100,000 tons to 380 million, nearly 5 percent above a year earlier. Crop forecasts were raised for Laos, Venezuela, and the Dominican Republic.

Export Forecasts for 2004 Lowered for India and Thailand

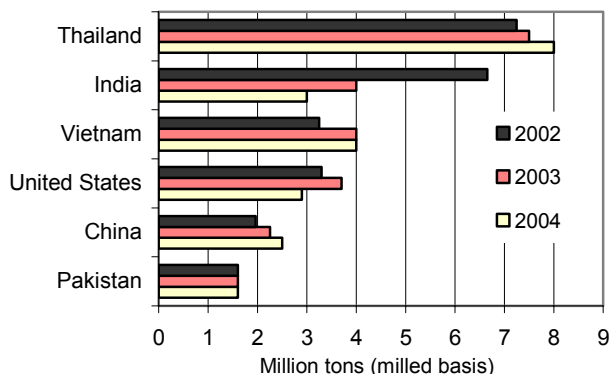
Global rice trade for calendar year 2004 is projected at 25.7 million tons (milled basis), down 400,000 from last month's forecast and down 1.2 million from the revised 2003 projection. This is the second

Figure 12
Global rice imports in 2004 are projected to decline for the second consecutive year



2003 and 2004 forecasts.
 Sources: FAS/USDA and ERS/USDA.

Figure 13
Exports from India and the United States are projected to decline in 2004

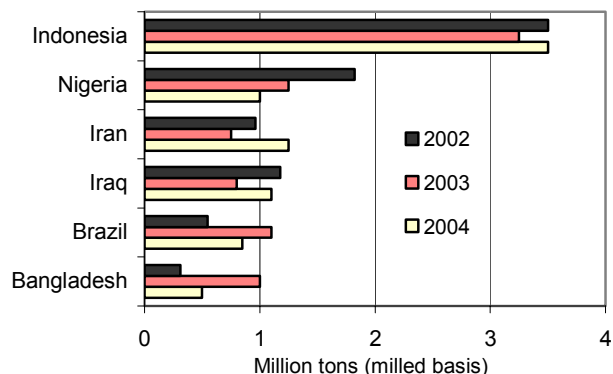


These six countries account for more than 85 percent of global rice exports. 2003 and 2004 projected.
 Source: FAS/USDA.

consecutive year of declining global rice trade and a major factor behind the lack of any significant price strength in the global rice market in nearly 2 years.

India and Thailand account for all of this month's downward revision in 2004 exports. India's 2004 export forecast was lowered 250,000 tons to 3 million based on smaller supplies. India's 2004 exports are projected to be less than half its 2002 record level. In addition, Thailand's 2004 export forecast was lowered 250,000 tons to 8 million—still a near-record—based on weaker demand from key Middle

Figure 14
Bangladesh, Brazil, and Nigeria are projected to import less rice in 2004



2003 and 2004 projected. These six countries account for about a third of global rice imports.
 Source: FAS/USDA.

East buyers. In contrast, South Korea's export forecast was raised from zero to 100,000 tons. On the import side, Iran's 2004 imports were lowered 250,000 tons to 1.25 million and imports by the Dominican Republic were lowered 25,000 tons to zero.

On an annual basis, a big drop in U.S. and Indian exports in 2004 is only partially offset by greater shipments from Thailand and China. Among importers, weaker shipments to Bangladesh, Brazil, Nigeria, and the Philippines are expected to be only partially offset by larger imports by Iran, Indonesia and Iraq.

Global rice trade for 2003 is projected at 26.9 million tons, about 310,000 tons below last month's forecast and nearly a million tons less than last year's record. Export forecasts for Thailand and South Korea were lowered this month. On an annual basis, India accounts for most of the decline in global exports. Greater shipments in 2003 from the United States, Thailand, and Vietnam only partially offset this decline.

On the 2003 import side, trade forecasts for Indonesia, Iraq, and the Dominican Republic were lowered this month. In contrast, Saudi Arabia's 2003 import forecast was raised. On an annual basis, higher imports in 2003 by Brazil, Bangladesh, and Saudi Arabia are more than offset by weaker imports by Iran, Iraq, Indonesia, and Sub-Saharan Africa.

Thailand's Export Prices Are Down Slightly from Early September

Thai export price quotes for higher grades of regular-milled rice—excluding jasmine rice and parboiled rice—are down slightly from early September, primarily due to release of some government-held stocks. For the week ending October 7, price quotes for high-quality Thai white rice (100-percent, Grade B, f.o.b. vessel, Bangkok) were reported at \$200 per ton, down \$3 from early September. Prices for Thai 5-percent regular milled white rice—quoted at \$195 per ton—were down \$2 from early September.

In contrast to higher grades of rice, prices for Thai 35-percent broken were quoted at \$178 per ton for the week ending October 7, up \$2 from the first week of September. In addition, prices for Thailand's A-1 Special (100-percent broken) were quoted at \$156 per ton for the week ending October 7, also up \$2 from early September.

Prices for Thailand's parboiled rice (5-percent broken) were quoted at \$204 per ton, up \$2 from a month earlier. Like prices for parboiled rice, quotes for Thailand's premium jasmine (fragrant or aromatic rice) rice have risen as well. Prices for jasmine rice were quoted at \$560 per ton for the week ending October 7, up \$10 from early September.

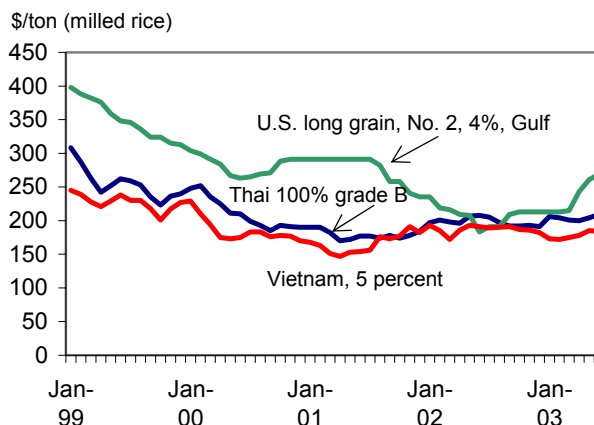
In contrast to Thailand, prices for Vietnam's regular-milled white rice have continued to rise, a result of tight stocks and strong demand. Price quotes for Vietnam's 5-percent broken (f.o.b. vessel, Ho Chi Minh City) were reported at \$188 per ton for the week ending October 7, up \$3 from early September.

Price quotes for U.S. regular-milled rice have risen since early September. Price quotes for U.S. long grain milled rice (No. 2, 4-percent broken, bagged,

f.o.b. rice mill in Houston) were reported at \$320 per ton for the week ending October 6 up \$22 per ton from early September and the highest since August 1999. The rising prices are primarily due to tight U.S. supplies. After adjusting the U.S. price to reflect a "free-on-board vessel" quote, U.S. prices are more than \$135 per ton above prices for similar grades of Thai rice.

Prices for high-quality California medium grain milled rice (No. 1, 4-percent broken, bagged, f.o.b. Sacramento) were quoted at \$485 per ton for the week ending October 6, up \$55 per ton from early August and the highest since September 1999. In contrast to price movements for regular-milled rice, price quotes for U.S. parboiled rice are unchanged from a month earlier. For the week ending October 6, prices for long grain milled parboiled rice (f.o.b. Houston) were quoted at \$342 per ton, unchanged from early September.

Figure 15
U.S. export prices are more than \$135 per ton higher than Thailand's prices



All prices quoted "free-on-board" vessel at local port.
Sources: Thai prices, U.S. Ag Counselor, Bangkok, U.S. prices, AMS/USDA. Vietnam prices, industry sources.

Contacts and Links

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Data

Monthly tables from *Rice Outlook* are available in Excel (.xls) spreadsheets at <http://www.ers.usda.gov/Briefing/Rice/Data/data.htm>. These tables contain the latest data on the production, use, prices, and trade.

Reports from the Economic Research Service

Updating Base Acres and Payment Yields indicates that about 63 percent of eligible farmland owners elected to use their historical PFC acreage (plus oilseeds, if applicable) for designating base acres under the 2002 Farm Act. The alternative was to update base acres using 1998-2001 plantings. Farmers who updated their base acres were provided choices for determining payment yields used to calculate the new counter-cyclical payments. The analysis is available at <http://www.ers.usda.gov/Briefing/FarmPolicy/updating.htm>.

The 2002 Farm Act: Provisions and Implications for Commodity Markets provides an initial assessment of the legislation's effects on agricultural production, commodity markets, and net farm income over the next 10 years. The report is available at <http://www.ers.usda.gov/publications/aib778/>.

Related Websites

Rice Briefing Room, <http://www.ers.usda.gov/Briefing/Rice>

WASDE, <http://usda.mannlib.cornell.edu/usda/reports/waobr/wasde-bb/>

Grain Circular, http://www.fas.usda.gov/grain_arc.html

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

Item	1998/99	1999/00	2000/01	2001/02	2002/03 2/	2003/04 2/
TOTAL RICE						
Area	Million acres					
Planted	3.285	3.531	3.060	3.334	3.240	3.005
Harvested	3.257	3.512	3.039	3.314	3.207	2.978
	Pounds per harvested acre					
Yield	5,663	5,866	6,281	6,496	6,578	6,624
	Million cwt					
Beginning stocks	27.9	22.1	27.5	28.5	39.0	26.8
Production	184.4	206.0	190.9	215.3	211.0	197.2
Imports	10.6	10.1	10.9	13.2	14.8	16.0
Total supply	223.0	238.2	229.2	256.9	264.7	240.0
Food, industrial, & residual 3/	109.6	118.1	113.4	119.5	109.7	120.0
Seed	4.4	3.8	4.1	4.0	3.7	4.1
Total domestic use	114.0	121.9	117.5	123.5	113.4	124.1
Exports	86.8	88.8	83.2	94.5	124.6	91.0
Rough	25.8	25.2	22.8	32.2	43.0	37.0
Milled 4/	61.1	63.6	60.4	62.4	81.5	54.0
Total use	200.9	210.7	200.7	218.0	238.0	215.1
Ending stocks	22.1	27.5	28.5	39.0	26.8	24.9
	Percent					
Stocks-to-use ratio	11.0	13.0	14.2	17.9	11.2	11.6
	\$/cwt					
Average farm price 5/	8.89	5.93	5.61	4.25	4.22	6.10 to 6.60
	Percent					
Average milling rate	69.3	69.6	68.6	69.0	68.3	69.0

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, WAOB, USDA.

Updated October 10, 2003.

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

Item	1998/99	1999/00	2000/01	2001/02	2002/03 2/	2003/04 3/
LONG GRAIN						
Million acres						
Planted	2.589	2.731	2.206	2.713	2.537	
Harvested	2.568	2.718	2.189	2.697	2.512	
Pounds per harvested acre						
Yield	5,426	5,587	5,882	6,213	6,260	
Million cwt						
Beginning stocks	14.5	14.1	15.6	11.6	26.8	15.7
Production	139.3	151.9	128.8	167.6	157.2	145.3
Imports	8.4	7.6	8.8	9.2	10.3	10.5
Total supply	162.2	173.5	153.1	188.3	194.3	171.5
Domestic use 4/	76.7	87.6	76.2	87.9	79.2	87.8
Exports	71.4	70.3	65.3	73.7	99.2	70.0
Total use	148.2	157.9	141.5	161.6	178.4	157.8
Ending stocks	14.1	15.6	11.6	26.8	15.7	13.6
Percent						
Stocks-to-use ratio	9.5	9.9	8.2	16.6	8.8	8.6
MEDIUM & SHORT GRAIN						
Million acres						
Planted	0.696	0.800	0.854	0.621	0.703	
Harvested	0.689	0.794	0.850	0.617	0.695	
Pounds per harvested acre						
Yield	6,548	6,822	7,308	7,733	7,729	
Million cwt						
Beginning stocks	12.3	6.8	10.4	15.6	10.7	9.3
Production	45.1	54.2	62.1	47.7	53.7	52.0
Imports	2.2	2.5	2.1	4.0	4.8	5.5
Total supply 5/	59.6	63.3	74.8	67.1	68.8	66.7
Domestic use 4/	37.4	34.3	41.3	35.6	34.3	36.2
Exports	15.4	18.6	17.9	20.8	25.3	21.0
Total use	52.8	52.9	59.2	56.4	59.6	57.2
Ending stocks	6.8	10.4	15.6	10.7	9.3	9.5
Percent						
Stocks-to-use ratio	12.9	19.7	26.3	18.9	15.6	16.6
Ending stocks difference 1/	1.2	1.4	1.2	1.5	1.8	1.8

1/ Stock totals by type omit broken, which are included in total stocks for all types of rice in table 1.

2/ Estimated. 3/ Projected. 4/ Includes residual. 5/ Accounts for the difference in beginning and ending stocks of broken. Thus, total supply of medium/short grain may not equal the sum of beginning stocks, production, and imports.

Source: World Agricultural Supply and Demand Estimates, WAOB, USDA.

Updated October 10, 2003.

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

Month	2003/04		2002/03		2001/02	
	\$/cwt	1,000 cwt	\$/cwt	1,000 cwt	\$/cwt	1,000 cwt
August	5.27	9,692	3.72	11,478	5.01	12,443
September	5.46 1/	9,692 1/	3.94	12,787	4.67	9,496
October			3.69	14,027	4.39	12,415
November			3.70	11,876	4.25	11,093
December			4.13	14,242	4.29	11,215
January			4.29	20,748	4.30	16,415
February			4.03	14,500	4.16	11,694
March			4.14	16,069	3.99	9,718
April			4.33	16,445	3.94	11,270
May			4.58	11,417	3.98	9,841
June			5.04	10,553	3.92	8,884
July			5.09 1/	13,294	3.81	8,288
Average 2/	5.37	9,692	4.22	13,953	4.25	11,064
Total 3/	6.10-6.60 4/			167,436		132,772

N/A = Not available.

1/ Preliminary mid-month estimate. 2/ Price is market year weighted average; 2003/04 is simple average through current month only. 3/ Total volume marketed; 2003/04 is through current month only. 4/ USDA season-average farm price projection.

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

Last updated October 10, 2003.

Table 4--USDA calculated world market rice prices (rough basis)

Month	2003/04			2002/03			2001/02		
	Long	Medium	Short	Long	Medium	Short	Long	Medium	Short
	\$/cwt								
August	4.02	3.79	3.85	3.32	2.99	3.00	2.97	2.57	2.58
September	3.95	3.72	3.77	3.29	2.96	2.97	3.09	2.69	2.70
October 1/	3.96	3.74	3.79	3.28	2.95	2.96	3.18	2.80	2.81
November				3.24	2.91	2.92	3.22	2.86	2.87
December				3.22	2.93	2.94	3.37	3.02	3.02
January				3.29	2.96	2.98	3.40	3.06	3.06
February				3.40	3.01	3.03	3.59	3.31	3.35
March				3.36	2.97	2.99	3.52	3.23	3.27
April				3.29	2.91	2.93	3.50	3.20	3.24
May				3.32	2.92	2.94	3.58	3.30	3.34
June				3.60	3.21	3.24	3.69	3.42	3.47
July				3.82	3.43	3.45	3.71	3.45	3.49
Average 2/	3.98	3.75	3.80	3.37	3.01	3.03	3.40	3.08	3.10

1/ Preliminary. 2/ Simple average of weekly announced world market price.

Source: Farm Service Agency, USDA.

Last updated October 10, 2003.

Table 5--U.S. rice exports 1/

Country or region	2003/04 as of 10/2/03	2002/03 as of 10/3/02	2002/03 Market year	2001/02 Market year	2000/01 Market year	1999/00 Market year
1,000 metric tons						
European Union	90.1	117.8	375.2	336.3	363.5	386.7
Other Western Europe	9.8	9.9	26.1	14.6	13.2	18.3
Turkey	15.0	0.0	209.9	141.3	170.8	230.7
Eastern Europe	0.2	0.0	9.7	5.4	0.6	0.5
Former Soviet Union	0.4	54.3	55.8	59.7	0.7	56.8
Japan	7.3	9.0	387.8	349.3	296.4	374.3
Taiwan	49.1	71.8	104.7	0.0	0.0	0.0
OTHER ASIA & MIDDLE EAST	147.0	214.6	352.3	238.2	318.1	394.7
Indonesia	0.2	90.4	90.7	0.2	23.2	118.3
Jordan	1.7	1.1	18.7	23.7	13.7	21.2
Philippines	117.8	37.1	38.3	35.8	104.4	59.4
Saudi Arabia	16.2	37.2	115.7	101.0	140.1	150.5
South Korea	0.0	40.0	40.1	30.1	0.0	0.0
AFRICA	43.2	82.7	219.3	181.2	181.6	171.1
Algeria	0.0	4.0	21.0	16.3	3.0	1.4
Cote d'Ivoire	0.0	14.0	29.9	13.7	12.3	20.4
Ghana	14.0	26.7	70.5	77.4	72.6	70.3
Liberia	8.0	2.2	8.9	8.0	9.3	2.9
South Africa	18.1	28.1	74.8	54.7	57.0	69.6
WESTERN HEMISPHERE	730.3	617.0	2,336.4	1,936.3	1,305.3	1,410.1
Brazil	130.5	0.0	327.0	0.2	2.0	4.4
Canada	73.1	67.0	157.1	105.5	99.8	101.9
Colombia	0.1	1.1	1.9	1.4	17.2	1.4
Costa Rica	0.4	0.7	161.3	160.7	81.6	84.0
Cuba	15.0	95.0	118.6	71.6	0.0	0.0
Dominican Republic	0.1	0.2	0.0	1.0	56.0	56.0
Guatemala	1.4	0.8	53.6	76.2	35.6	41.9
Haiti	128.2	84.9	297.6	249.7	157.9	144.4
Honduras	29.6	35.7	128.7	163.1	105.6	113.6
Jamaica	31.0	6.9	58.7	19.4	31.5	34.7
Leeward & Windward Is.	2.5	3.2	7.4	7.2	4.2	11.1
Mexico	218.9	219.3	694.7	740.3	582.6	629.2
Nicaragua	17.0	56.3	118.0	156.7	85.2	94.8
Panama	0.1	0.2	8.5	38.9	2.3	14.8
Peru	4.2	0.3	1.3	0.7	1.0	19.4
El Salvador	25.3	12.7	74.2	93.5	40.4	55.3
Trinidad	7.5	10.2	22.7	15.6	9.0	0.2
Venezuela	0.4	0.4	56.2	0.2	0.2	0.0
Unknown	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	1,092.4	1,187.0	4,077.1	3,269.0	2,650.8	3,043.9

1/ Columns labeled "Market year" are total August-July exports reported in U.S. Export Sales. Columns labeled "as of" are combined exports and outstanding sales at a particular date.

U.S. Export Sales reports on a product-weight basis. Food donations are not included in U.S. Export Sales.

Source: Foreign Agricultural Service, USDA.

Last updated October 10, 2003.

Table 6--U.S., Thailand, and Vietnam milled rice prices

Month or marketing year 1/	U.S. 2/			Thailand 5/				Viet. 6/	
	Long	Medium	Parboiled	100%	5%	15%	35%	A.1 7/ Special	5%
	grain 3/ Texas	grain 4/ Calif.		Grade B	parboiled	brokens			brokens
	\$ / metric ton 8/								
1995/96	414	445	456	362	344	335	302	265	N/A
1996/97	450	415	479	338	323	303	259	216	N/A
1997/98	415	396	455	302	292	275	237	197	269
1998/99	369	470	418	284	276	261	236	217	257
1999/2000	284	454	395	231	242	209	185	160	202
2000/01	272	313	357	184	187	167	149	132	165
Aug 2001	267	243	334	174	202	160	149	141	176
Sep 2001	243	231	287	178	214	167	157	148	173
Oct 2001	243	287	287	174	213	165	155	146	177
Nov 2001	226	287	287	178	198	168	157	134	191
Dec 2001	220	287	287	184	197	173	160	134	192
Jan 2002	220	287	287	197	193	184	170	143	193
Feb 2002	204	287	287	201	195	187	168	144	185
Mar 2002	201	287	282	198	190	182	166	146	172
Apr 2002	194	274	276	196	188	183	167	149	186
May 2002	193	265	276	207	192	192	172	150	193
June 2002	168	265	265	208	195	192	177	148	191
July 2002	176	265	265	205	194	190	175	152	189
2001/02	213	272	285	192	198	179	164	145	185
Aug 2002	176	265	265	197	195	183	171	148	190
Sep 2002	195	265	283	192	194	179	169	149	191
Oct 2002	198	265	287	192	195	179	171	157	187
Nov 2002	198	265	287	193	196	180	173	158	186
Dec 2002	198	265	287	191	190	180	171	154	182
Jan 2003	198	265	287	206	196	193	182	152	173
Feb 2003	198	282	287	204	196	191	179	150	172
Mar 2003	200	287	289	201	193	188	177	146	175
Apr 2003	229	287	306	200	191	186	175	141	178
May 2003	246	287	309	204	193	189	177	143	185
Jun 2003	254	331	309	209	200	195	183	151	184
Jul 2003	262	370	309	206	203	190	179	151	181
2002/03	213	286	292	199	195	186	175	150	182
Aug 2003	290	425	334	200	199	185	175	150	182
Sep 2003	302	430	342	202	203	187	177	155	186
Oct 2003 9/	320	485	342	200	204	186	178	156	188
2003/04 9/	304	447	339	201	202	186	176	154	185

N/A = Not available.

1/ Simple average of weekly quotes. 2/ 100-pound bags, domestic market. Lowest quote offered. 3/ Number 2, 4-percent broken. 4/ Number 1, 4-percent broken. 5/ Nominal price quotes f.o.b. Bangkok, long grain. U.S. 6/ f.o.b. Saigon. Price quotes from industry sources. 7/ 100-percent broken. 8/ Bagged. 9/ Preliminary. counselor, Bangkok. f.o.b. Bangkok, long grain.

Last updated October 10, 2003.

Table 7-Global rice production, monthly revisions

	2002/03 1/			2003/04 1/		
	September	October	Monthly change	September	October	Monthly change
	1,000 metric tons					
Dominican Republic	318	347	29	320	320	0
India	75,700	75,700	0	90,000	89,000	-1,000
Japan	8,089	8,089	0	7,200	7,100	-100
Korea, South	4,927	4,927	0	4,700	4,500	-200
Laos	1,410	1,446	36	1,410	1,500	90
United States 2/	6,507	6,536	29	6,202	6,174	-28
Venezuela	240	270	30	250	305	55
Others	282,716	282,716	0	280,375	280,375	0
World total	379,907	380,031	124	390,457	389,274	-1,183

1/ Projected. 2/ 2002/03 revision due to updated milling rate. No change in rough rice production.

Source: Global production projections are provided monthly by USDA's Interagency Commodity Estimates Committee (ICEC). Participating agencies include FAS, FSA, ERS, and the World Agricultural Outlook Board.

Last updated October 15, 2003.

Table 8-Global rice trade, calendar years 2003 and 2004; major exporters and importers

	2003 1/			2004 1/		
	September	October	Monthly changes	September	October	Monthly changes
	1,000 metric tons (milled basis)					
Exporters:						
Argentina	100	100	0	200	200	0
Australia	175	175	0	250	250	0
Burma	500	500	0	500	500	0
China	2,250	2,250	0	2,500	2,500	0
Egypt	700	700	0	700	700	0
Guyana	175	175	0	175	175	0
India	4,000	4,000	0	3,250	3,000	-250
Pakistan	1,600	1,600	0	1,600	1,600	0
South Korea	500	442	-58	0	100	100
Thailand	7,750	7,500	-250	8,250	8,000	-250
Uruguay	700	700	0	750	750	0
Vietnam	4,000	4,000	0	4,000	4,000	0
European Union	475	475	0	475	475	0
Others	569	569	0	536	536	0
United States	3,700	3,700	0	2,900	2,900	0
World total	27,194	26,886	-308	26,086	25,686	-400
Importers:						
Bangladesh	1,000	1,000	0	500	500	0
Brazil	1,100	1,100	0	850	850	0
Canada	250	250	0	250	250	0
China	300	300	0	300	300	0
Colombia	75	75	0	90	90	0
Costa Rica	125	125	0	100	100	0
Cote d'Ivoire	650	650	0	650	650	0
Cuba	500	500	0	550	550	0
Dominican Republic	50	20	-30	25	0	-25
El Salvador	75	75	0	75	75	0
Ghana	350	350	0	250	250	0
Guinea	300	300	0	300	300	0
Haiti	300	300	0	300	300	0
Honduras	90	90	0	100	100	0
Indonesia	3,500	3,250	-250	3,500	3,500	0
Iran	750	750	0	1,500	1,250	-250
Iraq	900	800	-100	1,100	1,100	0
Jamaica	50	50	0	50	50	0
Japan	650	650	0	650	650	0
Korea, North	700	700	0	300	300	0
Korea, South	180	180	0	205	205	0
Malaysia	500	500	0	550	550	0
Mexico	550	550	0	600	600	0
Nigeria	1,250	1,250	0	1,000	1,000	0
Nicaragua	100	100	0	100	100	0
Peru	40	40	0	40	40	0
Philippines	1,200	1,200	0	500	500	0
Russia	400	400	0	350	350	0
Saudi Arabia	950	1,050	100	950	950	0
Senegal	750	750	0	750	750	0
Singapore	375	375	0	375	375	0
South Africa	650	650	0	650	650	0
Sri Lanka	90	90	0	90	90	0
Syria	150	150	0	170	170	0
Taiwan	125	125	0	125	125	0
Turkey	350	350	0	350	350	0
Uzbekistan	100	100	0	100	100	0
UAE	80	80	0	80	80	0
Yemen	250	250	0	250	250	0
European Union	875	875	0	875	875	0
Other Western Europe	50	50	0	50	50	0
Eastern Europe	379	379	0	368	368	0
United States	425	425	0	435	435	0
Unaccounted 2/	5,660	5,632	-28	5,683	5,558	-125
World total	27,194	26,886	-308	26,086	25,686	-400

All trade data reported on a calendar year basis.

1/ Projected. 2/ Imports not assigned a specific destination.

Source: Foreign Agricultural Service, USDA.

Last updated October 15, 2003.