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Rice Outlook

Nathan Childs

U.S. 2002/03 Rice Exports Boosted to Record 105 Million Cwt

The U.S. 2002/03 total export forecast was raised 5 million hundredweight (cwt) (rough basis) to a record 105 million, an increase of 5 million cwt from last month's forecast. Stronger sales of long grain rice to Brazil, plus expectations of larger medium grain shipments to East Asia are behind this month's higher export forecast. The only supply-side revision this month was a 1.5-million drop in imports to 11.5 million cwt. Medium/short grain accounts for all of the downward revision in imports. The net impact of these trade revisions was a 17-percent cut in the 2002/03 U.S. ending stock projection to 32.5 million cwt, down 17 percent from 2001/02.

The 2002/03 season-average farm price (SAFP) is projected at \$3.80-\$4.10 per cwt, up 10 cents on both ends from last month. The upward revision is based on the tighter supplies. Despite this month's upward revision, the 2002/03 SAFP is still the lowest since the \$3.75 reported for 1986/87. The SAFP has declined every year since 1997/98.

The 2002/03 global rice production forecast was lowered 1.5 million tons to 380.3 million, 4 percent below a year earlier. China and Australia account for most of this month's reduction. Global ending stocks were lowered 1.2 million tons to 104.9 million, 20 percent below a year earlier and the lowest since 1987/88. This is the third consecutive year of declining world production and ending stocks.

Global rice trade for calendar year 2003 is projected at almost 26.7 million tons (milled basis), up 50,000 from last month's forecast but down 460,000 from a year earlier. Higher export forecasts for Thailand, Vietnam, and the United States were nearly offset by reduced forecasts this month for Burma and Australia. Trade in 2002 was raised 535,000 tons to 27.1 million, the second highest on record. Thailand and India account for most of the higher export forecast.

Thai export prices for most grades of milled rice have dropped \$3 to \$5 per ton over the past month, and are near the bottom of reported prices since late summer. Continued large, subsidized exports from India and an absence of large, new sales continue to pressure global prices down. U.S. milled rice prices remain unchanged from last month. Global prices have traded in a very narrow range since early August.

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U.S. 2002/03 Import Forecast Lowered to 11.5 Million Cwt

The only U.S. supply-side revision this month is a 12-percent cut in the 2002/03 U.S. rice import forecast to 11.5 million hundredweight (cwt) (rough basis), nearly 13 percent below a year earlier's record. In 2001/02, Australia shipped more than 2 million cwt of medium grain rice to Puerto Rico, a major factor behind last year's 22 percent jump in total U.S. imports. In 2002/03 Australia is unlikely to have the supplies to ship rice to Puerto Rico.

Figure 1

U.S. rice imports are projected to decline from 2001/2002 record

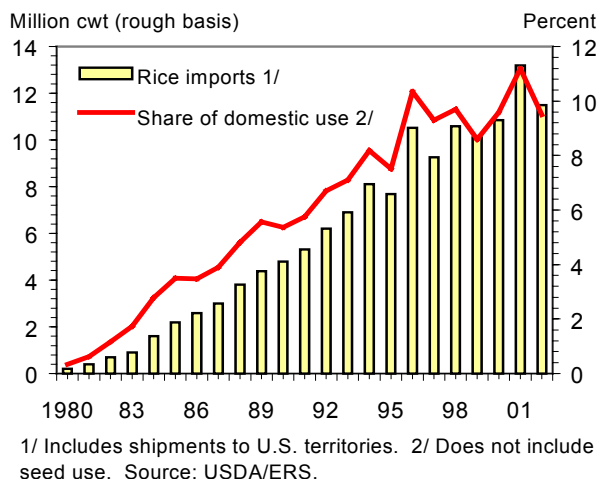


Figure 2

U.S. 2002 average rough rice yield projected at a record 66.11 hundredweights pr acre

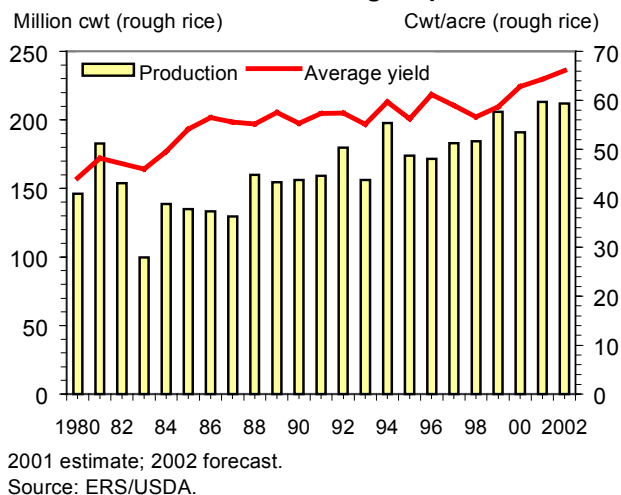
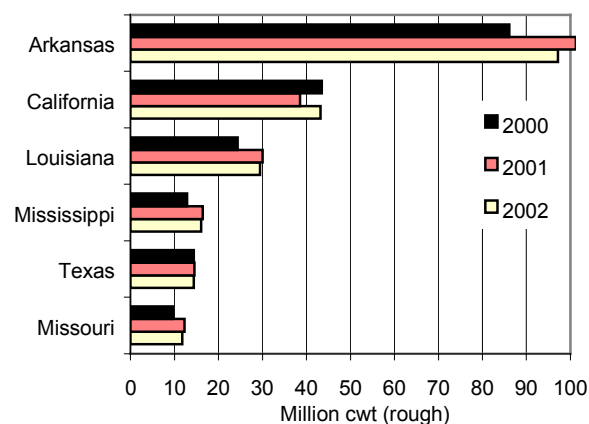


Figure 3

Rice production projected lower in 2002 in all southern producing States



Source: NASS/USDA.

There were no production revisions to the U.S. crop this month. The 2002/03 U.S. rough rice crop remains projected at 212 million cwt, fractionally below a year earlier's record. A 3-percent drop in planted area, all southern long grain, is responsible for the slight drop in production.

The average yield is projected at a record 6,611 pounds per acre, almost 3 percent higher than a year earlier and the third consecutive year of a record average yield. Yields are projected higher this year in all reported States except Louisiana where yields are unchanged from 2001/02. Record yields are projected for all five southern producing States—Arkansas, Louisiana (tied with last year), Mississippi, Missouri, and Texas.

This year, plantings declined in all reported States except California. Low prices for long grain rice—the dominant grain grown in the South—plus some weather problems in the Delta at planting were behind the smaller plantings. In contrast, California boosted 2002 plantings 11 percent to 521,000 acres. Price expectations for medium/short grain rice—grown mostly in California—were higher than prospects for long grain rice.

Rice crops are projected smaller this year in all reported southern producing States, a result of weaker plantings. In contrast, larger plantings and a higher

yield boosted California's 2002/03 rice crop 12 percent to 43.2 million cwt, fractionally below the 2000 record.

Total U.S. rice supplies for 2002/03 are projected at a record 262.5 million cwt, down fractionally from last month's forecast but 3 percent larger than a year earlier. Beginning stocks remain estimated at 39 million cwt, 37 percent higher than a year earlier.

U.S. 2002/03 Export Projection Raised to Record 105 Million Cwt

Total use for 2002/03 is projected at a record 230 million cwt, up 5 million from last month's forecast and 7 percent larger than a year earlier. Exports account for all of this month's upward revision. Exports were boosted 5 million cwt to a record 105 million, 12 percent higher than a year earlier. Rough rice accounts for most of the upward revision. Rough rice exports were boosted 4 million cwt to a record 39 million, up 23 percent from a year earlier. Continued strong shipments to Mexico and Central America, plus large purchases by Cuba and Brazil are behind the record rough rice export projection. Recent legislation allowing U.S. sales of food and medicine to Cuba is behind robust sales to Cuba. Brazil sometimes buys large amounts of U.S. rice when regional supplies are inadequate for Brazil's large domestic market.

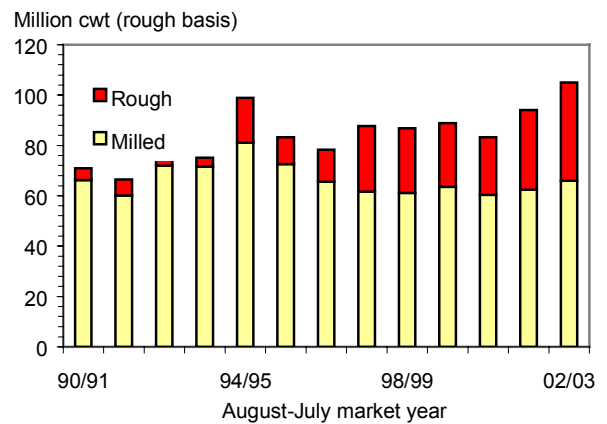
Combined milled and brown rice exports were raised 1 million cwt to 66 million, up 6 percent from 2001/02 and the largest since 1995/96. Some pick-up in sales of japonica rice to East Asia—a result of a much weaker Australian crop—is behind this month's upward revision in milled rice exports. Total domestic use remains projected at a record 125 million cwt, nearly 3 percent larger than a year earlier. *Food, industrial, and residual*—projected at a record 121 million cwt—accounts for all of the annual increase.

Ending stocks for 2002/03 are projected at 32.5 million cwt, down 17 percent from both last month and a year earlier. The stocks-to-use ratio is projected at 14.1 percent, down from 17.3 percent last month and a year earlier's 18.1 percent.

Total 2002/03 U.S. long grain supplies are projected at a record 193.8 million cwt, nearly unchanged from

Figure 4

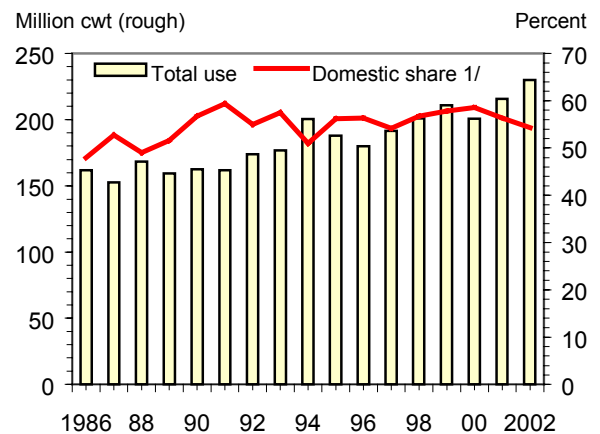
U.S. 2002/03 rice exports projected to be highest on record



2001/02 estimate: 2002/03 forecast.
Sources: 1990/91 to 2000/01, Bureau of the Census.
2001/02 and 2002/03 USDA projections.

Figure 5

U.S. 2002/03 total use is projected at a record 230 million cwt



1/ Includes residual and seed use. Source: ERS/USDA.

last month's forecast but 4 percent higher than a year earlier. Beginning stocks remain estimated at 26.8 million cwt, more than 130 percent larger than a year earlier and the largest since 1987/88. At 157.5 million cwt, long grain production is 5 percent below the 2001/02 record. Imports were boosted fractionally to a record 9.5 million cwt, up 4 percent from a year earlier.

Total long grain use is projected at a record 172.7 million cwt, up 3 percent from last month's forecast and 8 percent higher than a year earlier. Domestic

use is forecast at a record 90.7 million cwt, up 2 million cwt from last month and 6 percent higher than a year earlier. Long grain exports are boosted 3 million cwt to a record 82 million, 12 percent larger than a year earlier. Long grain ending stocks are projected at 21.1 million cwt, down 18 percent from last month and 21 percent below a year earlier.

Combined medium/short grain supplies are projected at 67.2 million cwt, down 3 percent from last month and virtually unchanged from a year earlier. Beginning stocks remain estimated at 10.7 million cwt, 32 percent below a year earlier. Combined medium/short grain production remains estimated at 54.5 million cwt, more than 14 percent above a year earlier. Imports were lowered 47 percent to 2 million cwt, 50 percent below a year earlier's record.

Total use of combined medium/short grain rice remains projected at 57.3 million, more than 1 percent above a year earlier. Exports were raised 2 million cwt to 23 million, 12 percent above 2001/02 and the largest since 1983/84. Combined medium/short grain domestic use was lowered 2 million cwt to 34.3 million, down 4 percent from a year earlier. The stocks-to-use ratio is projected at 17.2 percent, down from 20.3 last month.

According to the *U.S. Export Sales* report, for the week ending November 28, 2002, U.S. commercial exports and outstanding sales totaled 1.87 million tons

(product-weight), 27 percent larger than a year earlier. Exports were reported at 1.04 million tons, up 54 percent. Outstanding sales were reported at 831,100 tons, up 12 percent. Through November 28, shipments were higher than a year earlier to the European Union (EU), Uzbekistan, Taiwan, Brazil, Cuba, Haiti, and Sub-Saharan Africa.

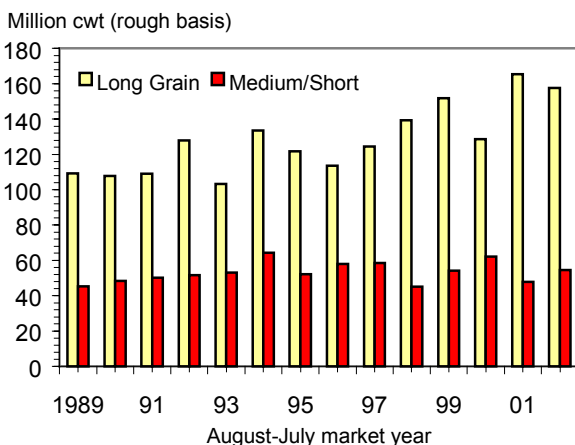
U.S. 2002/03 Season-Average Price Raised to \$3.80-\$4.10 Per Cwt

The 2002/03 season-average farm price (SAFP) is projected at \$3.80-\$4.10 per cwt, up 10 cents on both ends from last month. The upward revision is based on slightly smaller total supplies in 2002/03 and a smaller projected ending stocks. The 2002/03 SAFP is the lowest since the \$3.75 reported for 1986/87. The SAFP has declined every year since 1997/98. Last month, USDA estimated the mid-November price at \$3.62 per cwt and lowered the October price to \$3.69 from a preliminary \$3.86. These are the lowest monthly cash prices since July 1987.

Price quotes for U.S. southern long grain rough rice have picked up slightly in the Delta and in Texas over the past month. For the week ending December 3, cash prices in the Delta for long grain rough rice were reported around \$3.75 per cwt, up about 25 percent from last month. In Texas, prices were quoted at \$3.65 per cwt, up 10 cents from early November.

Figure 6

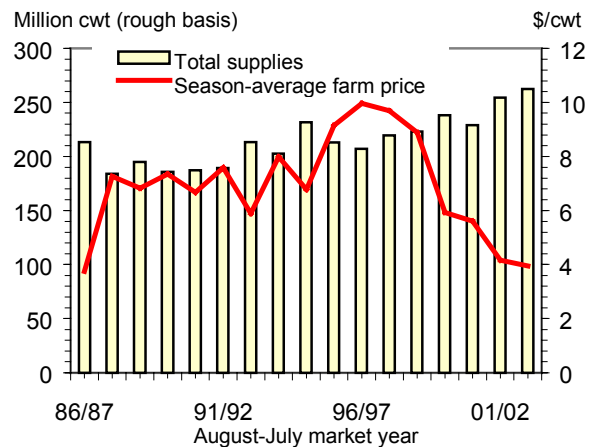
U.S. 2002 long grain production projected to drop 5 percent from 2001 record



2001 estimate; 2002 forecast. Source: NASS/USDA.

Figure 7

With record supplies, no strength is projected for U.S. rough rice price in 2002/03



2001/02 estimate; 2002/03 mid-point of \$3.85 to \$4.10 projection range. Sources: NASS/USDA and ERS/USDA.

Prices in Southwest Louisiana were quoted at \$3.75 per cwt, unchanged from a month earlier. For all three regions, quoted prices have changed little since the start of the 2002/03 market year.

Prices for California medium grain rough rice were calculated at around \$5.25 per cwt, up about 35 cents from last month but still down from \$5.50 in early August. Strong sales to Japan and Taiwan, as well as

demand from the domestic market, are behind the recent price boost. 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. Price quotes for southern medium grain rough rice in the Delta were reported at \$5.25 per cwt for the week ending December 3, 2002, up about 25 cents from a month earlier.

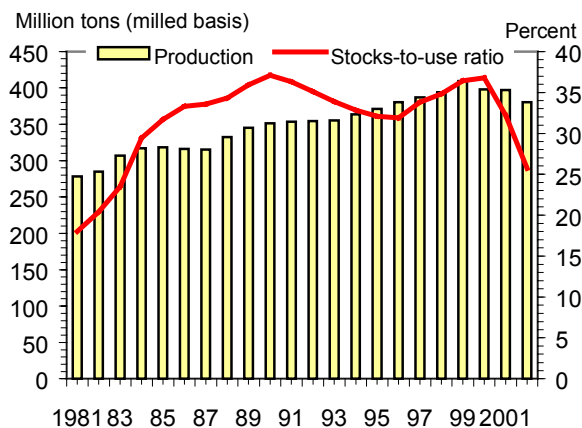
2002/03 Crop Projections Cut For China, Australia, and Uzbekistan

The 2002/03 global rice production forecast is 380.3 million tons (milled basis), down 1.5 million from last month's forecast and 4 percent below a year earlier. Production is projected to be 7 percent below the 1999/2000 record of 409 million tons and the third consecutive year of declines. Global rice consumption for 2002/03 is projected at 407.8 million tons, virtually unchanged from last month's forecast. Global ending stocks are projected at 104.9 million tons, down 1.2 million from last month's forecast and 20 percent below a year earlier. These are the lowest ending stocks since 1987/88 and the third consecutive year of declining world rice stocks. China is responsible for the bulk of this month's decrease in global ending stocks.

China accounts for the bulk of this month's decrease in the 2002/03 global rice production forecast. China's 2002/03 production forecast was lowered 1.4 million tons to 121.8 million based on a smaller yield. Production forecasts were lowered this month for other countries as well. Australia's crop was lowered 436,000 tons to 315,000 based on a substantial drop in area caused by drought. This is the smallest crop since 1975/76. In addition, Uzbekistan's production was lowered 25,000 tons to 100,000 based on a much lower yield, a result of severe drought in the region.

Figure 8

Global rice production projected to drop for third consecutive year



Sources: FAS/USDA and ERS/USDA.

Partially offsetting these increases were two upward revisions. First, Indonesia's 2002/03 production was lowered 332,000 tons to 32.8 million based on a higher yield. Second, Turkmenistan's crop was raised 30,000 tons to 40,000 based on a higher yield and larger area.

Global rice production for 2001/02 was raised 540,000 tons to 397.3 million. Production is 500,000 tons below 2000/01. Indonesia accounts for most of the upward revision. Indonesia's crop was raised 538,000 tons to 33 million based on a slightly higher yield. In addition, rice production in Turkmenistan was raised 7,000 tons to 17,000 based on larger area and a higher yield. In contrast, Iraq's 2001/02 production estimate was lowered 5,000 tons to 85,000 based on a lower yield.

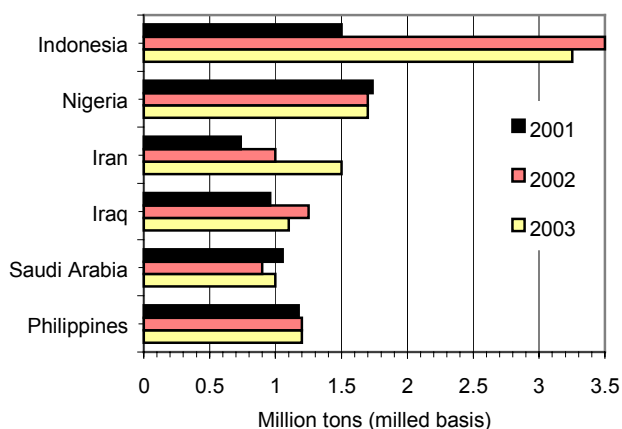
Brazil's 2003 Import Projection Raised to 800,000 Tons

Global rice trade for calendar year 2003 is projected at almost 26.7 million tons (milled basis), up 50,000 from last month's forecast but 460,000 below a revised 2002 projection. Brazil accounts for the largest share of the upward revision in imports. Brazil's 2003 import projection was raised 250,000 tons to 800,000—the largest since the 1998 record of nearly 1.6 million tons—based on tighter supplies. In addition, Cuba's imports were raised 50,000 tons to 600,000 based on larger 2002 imports. Finally, Ghana's 2003 import forecast was raised 25,000 tons to 250,000 based on higher 2002 imports.

Offsetting these increases were several reductions. First, Uzbekistan's 2003 imports were lowered 75,000 tons to 100,000 based on lower 2002 imports. Smaller downward revisions for imports were made this month for Canada, Colombia, Jamaica, and the United States. On a year-to-year basis, reduced imports by Indonesia, Iraq, Senegal, South Africa, and Ghana are nearly offset by stronger imports by Iran, Brazil, Bangladesh, the European Union, Saudi Arabia, and China.

Figure 9

Purchases by top rice importers are projected to remain robust in 2003



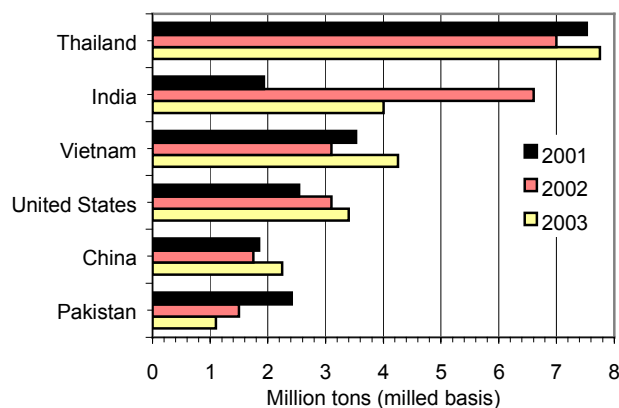
2002 and 2003 projected. These six countries account for about a third of global rice imports. Source: FAS/USDA.

On the export side, Burma's 2003 exports were cut 500,000 tons to 1 million based on a revised supply and use estimates. In addition, Australia's export forecast was lowered 200,000 tons to 300,000 based on a substantial drop in total supplies. Nearly offsetting these reductions were several upward revisions. Vietnam's 2003 exports were raised 250,000 tons to 4.25 million and Thailand's boosted 250,000 tons to a record 7.75 million, both based on stronger global demand. The U.S. 2003 export forecast was raised 200,000 tons to a record 3.4 million based on stronger global demand, record U.S. supplies, and competitive prices. On a year-to-year basis, a 2.6-million-ton drop in India's exports to 4 million tons—plus weaker shipments from Pakistan and Australia—are nearly offset by stronger exports from Thailand, China, Vietnam, Uruguay, and the United States.

Global rice trade in 2002 is projected at 27.1 million tons, up 535,000 from last month's forecast and nearly 2.7 million tons above a year earlier. Trade is second only to the 1998 record of 27.6 million tons. On the export side, Thailand's exports were raised 500,000 tons to 7 million and India's raised 100,000 tons to a record 6.6 million. Reductions in Argentina's and Uruguay's export forecasts partially offset these two upward revisions. On the import side, 2002 projections were raised for Ghana, South Africa, Russia, Cuba, Central America, Eastern Europe, and Haiti. In contrast, import projections were lowered for Uzbekistan, Brazil, Canada, Colombia, and Jamaica. All 2002 trade revisions were based on pace-to-date.

Figure 10

Thailand, Vietnam, China, and the U.S. are projected to increase rice exports in 2003



These six countries account for more than 85 percent of global rice exports. 2002 and 2003 projected. Source: FAS/USDA.

Thai Export Price Quotes Drop Slightly

Thai export prices for most grades of milled rice have dropped \$3 to \$5 per ton over the past month. Continued large, subsidized exports from India, and an absence of large, new sales continue to prevent any increase in global rice prices, despite smaller total supplies this year. For the week ending December 9, quotes for high-quality Thai white rice (100-percent, Grade B, f.o.b. vessel, Bangkok) were reported at \$188 per ton, down \$5 from a month earlier. Prices continue to move within a very narrow range. Since August 1, weekly price quotes have ranged from \$188 per ton to \$197; a little higher than prices last summer and fall, but still extremely low by historical comparison.

Prices for Thai 5-percent regular milled white rice—quoted at \$184 per ton in early December—are down \$3 from a month earlier. Prices for Thai 35-percent broken were quoted at \$169 for the week ending December 9, also down about \$3 below a month earlier.

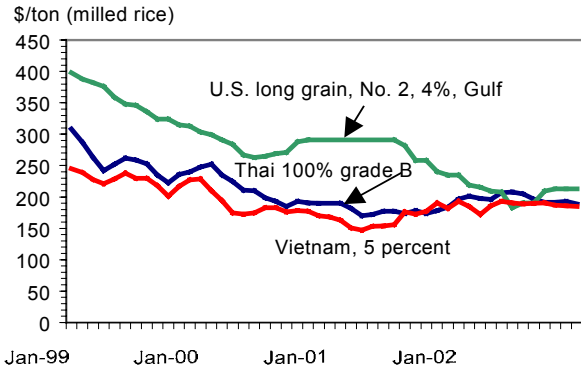
Prices for Vietnam's regular milled white rice have dropped slightly since early November. A lack of new sales, completion of older government-to-government sales, and harvest of the 10th-month crop are behind the weaker prices. Prices for Vietnam's 5-percent broken (f.o.b. vessel, Ho Chi Minh City) were reported at \$185 per ton for the week ending

December 9, down \$1 per ton from a month earlier and down about \$6 from September. Vietnam is currently selling rice at about the same price as Thailand.

Prices for U.S. long grain milled rice (No. 2, 4-percent broken, bagged, f.o.b. rice mill in Houston) have remained unchanged at \$198 per ton since early September. Prices were boosted in late summer due to tight milling capacity in the South. After adjusting the U.S. price to reflect a "free-on-board vessel" quote, U.S. prices are about \$25 per ton above prices for similar quality Thai rice. Prices for high-quality California medium grain milled rice (No. 1, 4-percent broken, bagged, f.o.b. Sacramento) were reported at \$265 per ton for the week ending December 9, unchanged from a month earlier.

Figure 11

Global prices continue to trade within a narrow range



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

The 2002 Farm Bill: Provisions and Economic Implications, a side-by-side comparison of the new farm bill with 1996-2001 farm legislation, is available at <http://www.ers.usda.gov/Features/FarmBill/>.

World Rice Glut Keeps Lid on U.S. Prices,” <http://www.ers.usda.gov/publications/agoutlook/nov2001/ao286d.pdf>, is a *Agricultural Outlook* article examining both the domestic and global rice markets.

Related Websites

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

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

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

| Item | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 2/ | 2002/03 3/ |
|------------------------------------|---------------------------|---------|---------|---------|---------------|-----------------|
| TOTAL RICE | | | | | | |
| Area | Million acres | | | | | |
| Planted | 3.125 | 3.285 | 3.531 | 3.060 | 3.335 | 3.231 |
| Harvested | 3.103 | 3.257 | 3.512 | 3.039 | 3.314 | 3.207 |
| | Pounds per harvested acre | | | | | |
| Yield | 5,897 | 5,663 | 5,866 | 6,281 | 6,429 | 6,611 |
| | Million cwt | | | | | |
| Beginning stocks | 27.2 | 27.9 | 22.1 | 27.5 | 28.5 | 39.0 |
| Production | 183.0 | 184.4 | 206.0 | 190.9 | 213.0 | 212.0 |
| Imports | 9.3 | 10.6 | 10.1 | 10.9 | 13.2 | 11.5 |
| Total supply | 219.5 | 223.0 | 238.2 | 229.2 | 254.7 | 262.5 |
| Food, industrial, & residual 4/ | 99.8 | 109.6 | 117.9 | 113.4 | 117.7 | 121.0 |
| Seed | 4.1 | 4.4 | 4.0 | 4.1 | 4.0 | 4.0 |
| Total domestic use | 103.9 | 114.0 | 121.9 | 117.5 | 121.7 | 125.0 |
| Exports | 87.7 | 86.8 | 88.8 | 83.2 | 94.1 | 105.0 |
| Rough | 26.1 | 25.8 | 25.2 | 22.8 | 31.7 | 39.0 |
| Milled 5/ | 61.6 | 61.1 | 63.6 | 60.4 | 62.4 | 66.0 |
| Total use | 191.6 | 200.9 | 210.7 | 200.7 | 215.8 | 230.0 |
| Ending stocks | 27.9 | 22.1 | 27.5 | 28.5 | 39.0 | 32.5 |
| | Percent | | | | | |
| Stocks-to-use ratio | 14.6 | 11.0 | 13.0 | 14.2 | 18.1 | 14.1 |
| | \$/cwt | | | | | |
| Average farm price 6/ | 9.70 | 8.89 | 5.93 | 5.61 | 4.17 | 3.80 to 4.10 |
| | Percent | | | | | |
| Average milling rate | 69.3 | 69.3 | 69.6 | 68.6 | 69.0 | 69.0 |

1/ August-July market year; rough equivalent. 2/ Estimated. 3/ Projected. 4/ Residual includes unreported use, processing losses, and estimating errors. 5/ Rough rice equivalent. 6/ Market year weighted average.
Updated December 11, 2002.

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

| Item | 1997/98 | 1998/99 | 1999/00 | 2000/01 | 2001/02 2/ | 2002/03 3/ |
|---------------------------------|---------------------------|---------|---------|---------|---------------|---------------|
| LONG GRAIN | | | | | | |
| | Million acres | | | | | |
| Planted | 2.327 | 2.589 | 2.731 | 2.206 | 2.714 | |
| Harvested | 2.309 | 2.568 | 2.718 | 2.189 | 2.697 | |
| | Pounds per harvested acre | | | | | |
| Yield | 5,391 | 5,426 | 5,587 | 5,882 | 6,130 | |
| | Million cwt | | | | | |
| Beginning stocks | 14.1 | 14.5 | 14.1 | 15.6 | 11.6 | 26.8 |
| Production | 124.5 | 139.3 | 151.9 | 128.8 | 165.3 | 157.5 |
| Imports | 7.9 | 8.4 | 7.6 | 8.8 | 9.2 | 9.5 |
| Total supply | 146.5 | 162.2 | 173.5 | 153.1 | 186.1 | 193.8 |
| Domestic use 4/ | 59.7 | 76.7 | 87.6 | 76.2 | 85.9 | 90.7 |
| Exports | 72.3 | 71.4 | 70.3 | 65.3 | 73.5 | 82.0 |
| Total use | 132.0 | 148.2 | 157.9 | 141.5 | 159.4 | 172.7 |
| Ending stocks | 14.5 | 14.1 | 15.6 | 11.6 | 26.8 | 21.1 |
| | Percent | | | | | |
| Stocks-to-use ratio | 11.0 | 9.5 | 9.9 | 8.2 | 16.8 | 12.2 |
| MEDIUM & SHORT GRAIN | | | | | | |
| | Million acres | | | | | |
| Planted | 0.798 | 0.696 | 0.800 | 0.854 | 0.621 | |
| Harvested | 0.794 | 0.689 | 0.794 | 0.850 | 0.617 | |
| | Pounds per harvested acre | | | | | |
| Yield | 7,369 | 6,548 | 6,822 | 7,308 | 7,733 | |
| | Million cwt | | | | | |
| Beginning stocks | 12.1 | 12.3 | 6.8 | 10.4 | 15.6 | 10.7 |
| Production | 58.5 | 45.1 | 54.2 | 62.1 | 47.7 | 54.5 |
| Imports | 1.4 | 2.2 | 2.5 | 2.1 | 4.0 | 2.0 |
| Total supply 5/ | 71.9 | 59.6 | 63.3 | 74.8 | 67.1 | 67.2 |
| Domestic use 4/ | 44.2 | 37.4 | 34.3 | 41.3 | 35.9 | 34.3 |
| Exports | 15.4 | 15.4 | 18.6 | 17.9 | 20.6 | 23.0 |
| Total use | 59.6 | 52.8 | 52.9 | 59.2 | 56.4 | 57.3 |
| Ending stocks | 12.3 | 6.8 | 10.4 | 15.6 | 10.7 | 9.9 |
| | Percent | | | | | |
| Stocks-to-use ratio | 20.7 | 12.9 | 19.7 | 26.3 | 18.9 | 17.2 |
| Ending stocks difference 1/ | 1.1 | 1.2 | 1.4 | 1.2 | 1.2 | 1.2 |

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.

Updated December 11, 2002.

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

| Month | 2002/03 | | 2001/02 | | 2000/01 | |
|------------|--------------|-----------|---------|-----------|---------|-----------|
| | \$/cwt | 1,000 cwt | \$/cwt | 1,000 cwt | \$/cwt | 1,000 cwt |
| August | 3.72 | 11,478 | 5.10 | 12,616 | 5.72 | 8,802 |
| September | 3.94 | 12,787 | 4.78 | 9,960 | 5.53 | 10,616 |
| October | 3.69 | 14,027 | 4.36 | 12,850 | 5.57 | 13,183 |
| November | 3.62 1/ | 12,764 1/ | 4.08 | 11,515 | 5.72 | 12,393 |
| December | | | 4.07 | 11,445 | 5.69 | 12,689 |
| January | | | 3.94 | 16,486 | 5.86 | 15,204 |
| February | | | 4.10 | 11,877 | 5.72 | 12,465 |
| March | | | 3.97 | 10,169 | 5.66 | 11,700 |
| April | | | 3.88 | 11,752 | 5.68 | 11,870 |
| May | | | 3.96 | 10,364 | 5.40 | 9,087 |
| June | | | 3.86 | 9,333 | 5.14 | 7,591 |
| July | | | 3.77 | 8,786 | 5.32 | 8,588 |
| Average 2/ | 3.74 | 12,764 | 4.17 | 11,429 | 5.61 | 11,182 |
| Total 3/ | 3.80-4.10 4/ | | 4.17 4/ | 137,153 | | 134,188 |

N/A = Not available.

1/ Preliminary mid-month estimate. 2/ Price is market year weighted average; 2001/02 is through current month only. 3/ Total volume marketed; 2001/02 is through current month only.

4/ USDA season-average farm price projection.

Last updated December 11, 2002.

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

| Month | 2002/03 | | | 2001/02 | | | 2000/01 | | |
|------------|---------|--------|-------|---------|--------|-------|---------|--------|-------|
| | Long | Medium | Short | Long | Medium | Short | Long | Medium | Short |
| | \$/cwt | | | | | | | | |
| August | 3.32 | 2.99 | 3.00 | 2.97 | 2.57 | 2.58 | 3.99 | 3.37 | 3.37 |
| September | 3.29 | 2.96 | 2.97 | 3.09 | 2.69 | 2.70 | 3.69 | 3.16 | 3.16 |
| October | 3.28 | 2.95 | 2.96 | 3.18 | 2.80 | 2.81 | 3.54 | 3.30 | 3.30 |
| November | 3.24 | 2.91 | 2.92 | 3.22 | 2.86 | 2.87 | 3.48 | 3.29 | 3.29 |
| December | 3.22 | 2.89 | 2.90 | 3.37 | 3.02 | 3.02 | 3.40 | 3.19 | 3.18 |
| January | | | | 3.40 | 3.06 | 3.06 | 3.38 | 3.17 | 3.16 |
| February | | | | 3.59 | 3.31 | 3.35 | 3.34 | 3.12 | 3.10 |
| March | | | | 3.52 | 3.23 | 3.27 | 3.08 | 2.76 | 2.74 |
| April | | | | 3.50 | 3.20 | 3.24 | 2.99 | 2.64 | 2.62 |
| May | | | | 3.58 | 3.30 | 3.34 | 2.94 | 2.57 | 2.55 |
| June | | | | 3.69 | 3.42 | 3.47 | 2.96 | 2.59 | 2.57 |
| July | | | | 3.71 | 3.45 | 3.49 | 2.93 | 2.55 | 2.53 |
| Average 1/ | 3.27 | 2.94 | 2.95 | 3.40 | 3.08 | 3.10 | 3.31 | 2.98 | 2.96 |

1/ Simple average of weekly announced world market price.

Last updated December 11, 2002.

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

| Country or region | 2002/03 11/28/02 year | 2001/02 11/29/01 year | 2001/02 Market year | 2000/01 Market year | 1999/00 Market year | 1998/99 Market year |
|--------------------------|-----------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| 1,000 metric tons | | | | | | |
| European Union | 173.8 | 143.7 | 336.3 | 363.5 | 386.7 | 339.9 |
| Other Western Europe | 10.9 | 10.9 | 14.6 | 13.2 | 18.3 | 19.8 |
| Turkey | 75.0 | 24.0 | 141.3 | 170.8 | 230.7 | 100.1 |
| Eastern Europe | 4.2 | 0.4 | 5.4 | 0.6 | 0.5 | 0.3 |
| Former Soviet Union | 54.9 | 54.2 | 59.7 | 0.7 | 56.8 | 43.4 |
| Japan | 84.0 | 131.2 | 349.3 | 296.4 | 374.3 | 324.3 |
| Taiwan | 81.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| OTHER ASIA & MIDDLE EAST | 242.5 | 182.2 | 238.2 | 318.1 | 394.7 | 202.5 |
| Indonesia | 90.4 | 0.0 | 0.2 | 23.2 | 118.3 | 26.1 |
| Jordan | 2.1 | 10.7 | 23.7 | 13.7 | 21.2 | 41.0 |
| Philippines | 37.1 | 35.8 | 35.8 | 104.4 | 59.4 | 0.0 |
| Saudi Arabia | 51.2 | 75.2 | 101.0 | 140.1 | 150.5 | 105.5 |
| South Korea | 40.0 | 30.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| AFRICA | 128.7 | 69.7 | 181.2 | 181.6 | 171.1 | 157.2 |
| Algeria | 19.6 | 1.3 | 16.3 | 3.0 | 1.4 | 2.2 |
| Cote d'Ivoire | 18.8 | 0.1 | 13.7 | 12.3 | 20.4 | 0.1 |
| Ghana | 33.2 | 30.3 | 77.4 | 72.6 | 70.3 | 60.6 |
| Liberia | 15.8 | 9.2 | 8.0 | 9.3 | 2.9 | 0.1 |
| South Africa | 33.7 | 23.7 | 54.7 | 57.0 | 69.6 | 81.2 |
| WESTERN HEMISPHERE | 972.0 | 834.0 | 1,936.3 | 1,305.3 | 1,410.1 | 1,740.6 |
| Brazil | 64.9 | 0.1 | 0.2 | 2.0 | 4.4 | 555.0 |
| Canada | 119.4 | 70.5 | 105.5 | 99.8 | 101.9 | 122.3 |
| Colombia | 1.1 | 1.0 | 1.4 | 17.2 | 1.4 | 10.9 |
| Costa Rica | 25.8 | 0.6 | 160.7 | 81.6 | 84.0 | 41.2 |
| Cuba | 120.0 | 32.5 | 71.6 | 0.0 | 0.0 | 0.0 |
| Dominican Republic | 0.2 | 0.9 | 1.0 | 56.0 | 56.0 | 61.4 |
| Guatemala | 1.0 | 27.9 | 76.2 | 35.6 | 41.9 | 29.3 |
| Haiti | 136.3 | 95.0 | 249.7 | 157.9 | 144.4 | 163.7 |
| Honduras | 42.4 | 69.6 | 163.1 | 105.6 | 113.6 | 47.3 |
| Jamaica | 13.3 | 11.9 | 19.4 | 31.5 | 34.7 | 15.2 |
| Leeward & Windward Is. | 3.2 | 4.1 | 7.2 | 4.2 | 11.1 | 10.6 |
| Mexico | 299.8 | 366.8 | 740.3 | 582.6 | 629.2 | 417.2 |
| Nicaragua | 56.3 | 97.7 | 156.7 | 85.2 | 94.8 | 61.0 |
| Panama | 0.1 | 7.4 | 38.9 | 2.3 | 14.8 | 7.5 |
| Peru | 0.5 | 0.7 | 0.7 | 1.0 | 19.4 | 117.9 |
| El Salvador | 36.3 | 30.9 | 93.5 | 40.4 | 55.3 | 30.1 |
| Trinidad | 20.3 | 5.3 | 15.6 | 9.0 | 0.2 | 22.8 |
| Unknown | 47.3 | 25.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TOTAL | 1,874.9 | 1,475.2 | 3,269.0 | 2,650.8 | 3,043.9 | 2,928.5 |

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. This month, only actual exports are reported in the "as of" column.

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

Last updated December 11, 2002.

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

| Month or marketing year 1/ | U.S. 2/ | | | Thailand 5/ | | | | Viet. 6/ | |
|----------------------------|------------------------|---------------------------|--------------------|-----------------|-----------------|-----------------------|-------------------|---------------|-----|
| | Long grain 3/ Texas | Medium grain 4/ Calif. | Parboiled Texas | 100% Grade B | 5% parboiled | 15% 35% brokens | A.1 7/ Special | 5% brokens | |
| \$ / metric ton 8/ | | | | | | | | | |
| 1993/94 | 439 | 451 | 470 | 294 | 244 | 243 | 209 | 160 | N/A |
| 1994/95 | 314 | 375 | 349 | 290 | 276 | 270 | 255 | 232 | N/A |
| 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 |
| Aug 2000 | 254 | 419 | 361 | 193 | 208 | 175 | 160 | 144 | 183 |
| Sep 2000 | 257 | 408 | 364 | 185 | 192 | 170 | 157 | 143 | 176 |
| Oct 2000 | 271 | 375 | 364 | 193 | 200 | 176 | 157 | 137 | 178 |
| Nov 2000 | 276 | 349 | 364 | 191 | 190 | 173 | 153 | 128 | 177 |
| Dec 2000 | 276 | 334 | 364 | 190 | 188 | 173 | 153 | 129 | 170 |
| Jan 2001 | 276 | 317 | 364 | 190 | 189 | 174 | 153 | 135 | 168 |
| Feb 2001 | 276 | 290 | 364 | 190 | 184 | 174 | 152 | 134 | 163 |
| Mar 2001 | 276 | 276 | 364 | 182 | 174 | 165 | 142 | 126 | 151 |
| Apr 2001 | 276 | 258 | 346 | 170 | 164 | 154 | 135 | 121 | 147 |
| May 2001 | 276 | 243 | 342 | 172 | 171 | 154 | 138 | 123 | 153 |
| June 2001 | 276 | 243 | 342 | 177 | 180 | 158 | 144 | 130 | 154 |
| July 2001 | 276 | 243 | 342 | 177 | 198 | 160 | 148 | 137 | 156 |
| 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 9/ | 198 | 265 | 287 | 189 | 190 | 177 | 169 | 156 | 185 |
| 2002/03 9/ | 193 | 265 | 282 | 192 | 194 | 180 | 170 | 154 | 188 |

N/A = Not available.

1/ Simple average of weekly quotes. 2/ 100-pound bags, domestic market. Lowest quote offered. 3/ Number 2, 4-percent brokens.

4/ Number 1, 4-percent brokens. 5/ Nominal price quotes f.o.b. Bangkok, long grain. U.S. agricultural counselor, Bangkok.

f.o.b. Bangkok, long grain. U.S. agricultural counselor, Bangkok. 6/ f.o.b. Saigon. Price quotes from industry sources.

7/ 100-percent brokens. 8/ Bagged. 9/ Preliminary.

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Table 7-Global rice production, 2001/02 and 2002/03; monthly revisions

| | 2001/02 1/ | | | 2002/03 2/ | 2002/03 2/ | Monthly revisions |
|-------------------|------------|----------|-------------------|------------|------------|-------------------|
| | November | December | Monthly revisions | November | December | |
| 1,000 metric tons | | | | | | |
| Australia | 930 | 930 | 0 | 751 | 315 | -436 |
| China | 124,306 | 124,306 | 0 | 123,200 | 121,800 | -1,400 |
| Indonesia | 32,422 | 32,960 | 538 | 32,500 | 32,832 | 332 |
| Iraq | 90 | 85 | -5 | 100 | 100 | 0 |
| Turkmenistan | 10 | 17 | 7 | 10 | 40 | 30 |
| Uzbekistan | 42 | 42 | 0 | 125 | 100 | -25 |
| Other | 238,927 | 238,927 | 0 | 225,101 | 225,101 | 0 |
| World Total | 396,727 | 397,267 | 540 | 381,787 | 380,288 | -1,499 |

NC = No change. -- = Not available.

1/ Estimated. 2/ Projected.

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 December 10, 2002.

Table 8-Global rice trade, calendar years 2002 and 2003; major exporters and importers

| | 2002 1/ | | | 2003 1/ | | |
|-------------------|----------------------------------|----------|------------------|----------|----------|------------------|
| | November | December | Monthly revision | November | December | Monthly revision |
| | 1,000 metric tons (milled basis) | | | | | |
| Exporters: | | | | | | |
| Argentina | 350 | 275 | -75 | 350 | 350 | NC |
| Australia | 400 | 400 | NC | 500 | 300 | -200 |
| Burma | 1,000 | 1,000 | NC | 1,500 | 1,000 | -500 |
| China | 1,750 | 1,750 | NC | 2,250 | 2,250 | NC |
| Egypt | 500 | 500 | NC | 500 | 500 | NC |
| European Union | 275 | 275 | NC | 325 | 325 | NC |
| Guyana | 150 | 150 | NC | 175 | 175 | NC |
| India | 6,500 | 6,600 | 100 | 4,000 | 4,000 | NC |
| Pakistan | 1,500 | 1,500 | NC | 1,100 | 1,100 | NC |
| Thailand | 6,500 | 7,000 | 500 | 7,500 | 7,750 | 250 |
| United States | 3,100 | 3,100 | NC | 3,200 | 3,400 | 200 |
| Uruguay | 600 | 600 | NC | 650 | 650 | NC |
| Vietnam | 3,100 | 3,100 | NC | 4,000 | 4,250 | 250 |
| World total | 26,589 | 27,124 | 535 | 26,614 | 26,664 | 50 |
| Importers: | | | | | | |
| Bangladesh | 275 | 275 | NC | 500 | 500 | NC |
| Brazil | 600 | 525 | -75 | 550 | 800 | 250 |
| Canada | 265 | 235 | -30 | 270 | 250 | -20 |
| China | 225 | 225 | NC | 300 | 300 | NC |
| Colombia | 75 | 50 | -25 | 100 | 75 | -25 |
| Costa Rica | 75 | 75 | NC | 75 | 75 | NC |
| Cote d'Ivoire | 625 | 625 | NC | 650 | 650 | NC |
| Cuba | 550 | 600 | 50 | 550 | 600 | 50 |
| European Union | 700 | 700 | NC | 850 | 850 | NC |
| Ghana | 225 | 325 | 100 | 225 | 250 | NC |
| Honduras | 75 | 110 | 35 | 80 | 80 | 0 |
| Indonesia | 3,500 | 3,500 | NC | 3,250 | 3,250 | NC |
| Iran | 1,000 | 1,000 | NC | 1,500 | 1,500 | NC |
| Iraq | 1,250 | 1,250 | NC | 1,100 | 1,100 | NC |
| Japan | 650 | 650 | NC | 650 | 650 | NC |
| Korea, North | 400 | 400 | NC | 450 | 450 | NC |
| Korea, South | 150 | 150 | NC | 150 | 150 | NC |
| Malaysia | 600 | 600 | NC | 600 | 600 | NC |
| Mexico | 500 | 500 | NC | 500 | 500 | NC |
| Nigeria | 1,700 | 1,700 | NC | 1,700 | 1,700 | NC |
| Nicaragua | 100 | 110 | 10 | 75 | 75 | NC |
| Peru | 40 | 40 | NC | 40 | 40 | NC |
| Philippines | 1,200 | 1,200 | NC | 1,200 | 1,200 | NC |
| Saudi Arabia | 900 | 900 | NC | 1,000 | 1,000 | NC |
| Senegal | 900 | 900 | NC | 750 | 750 | NC |
| Singapore | 375 | 375 | NC | 375 | 375 | NC |
| South Africa | 650 | 750 | 100 | 650 | 650 | NC |
| Sri Lanka | 80 | 80 | NC | 100 | 100 | NC |
| Syria | 150 | 150 | NC | 150 | 150 | NC |
| Taiwan | 125 | 125 | NC | 125 | 125 | NC |
| Turkey | 275 | 275 | NC | 250 | 250 | NC |
| United States | 400 | 400 | NC | 415 | 390 | -25 |
| Other 2/ | 7,954 | 8,324 | 370 | 7,434 | 7,229 | -205 |
| World total | 26,589 | 27,124 | 535 | 26,614 | 26,664 | 50 |

NC = No change this month. -- = Not available.

All trade data reported on a calendar year basis.

1/ Projected. 2/ Includes imports classified as "unaccounted" or not assigned a specific destination.

Source: Global trade 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 December 10, 2002.