



Southern Extension Economic Committee Meeting
Southern Outlook Conference
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Rice Market Outlook

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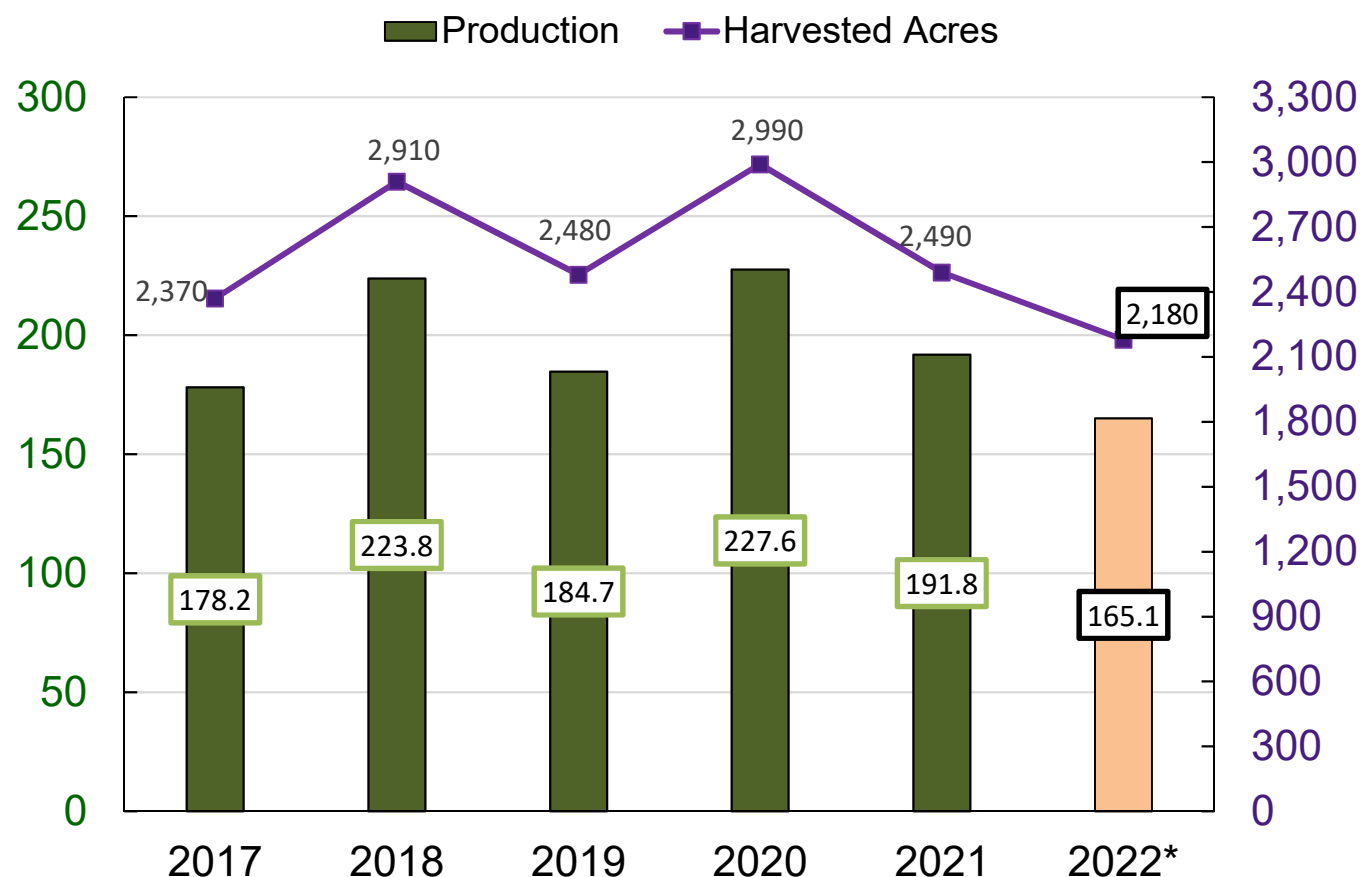
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U.S. Total Rice Production

Five-year Summary of Acreage and Production with September WASDE

(Million cwt)

(Million acres)



Source: USDA WASDE Report. September 12, 2022.

U.S. Rice Production and Harvested Areas

Previous 10-year history

Reduced harvested area pulls rice production down 14% Y-O-Y

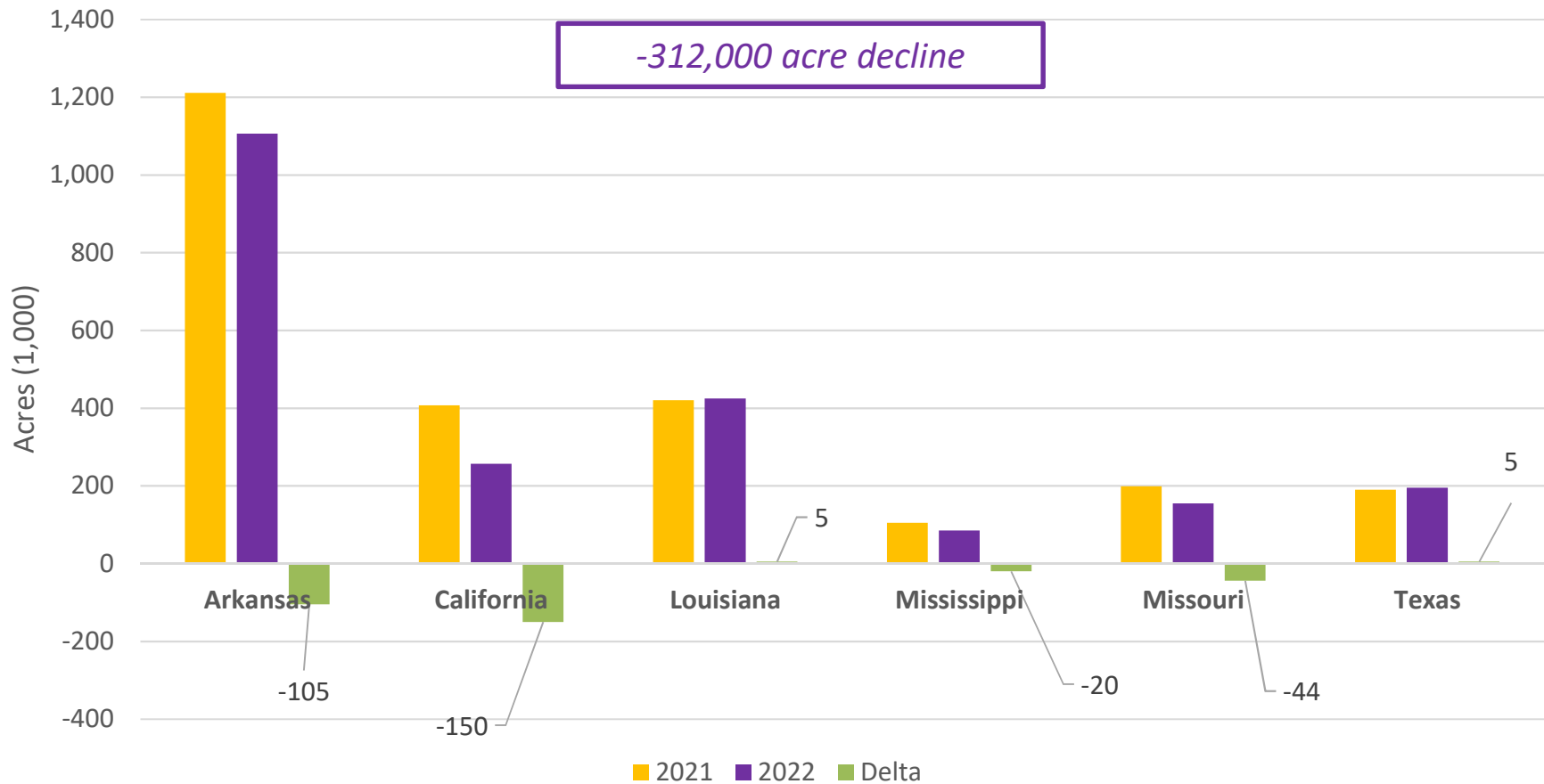


Source: USDA NASS.



U.S. Rice Planted Acreage

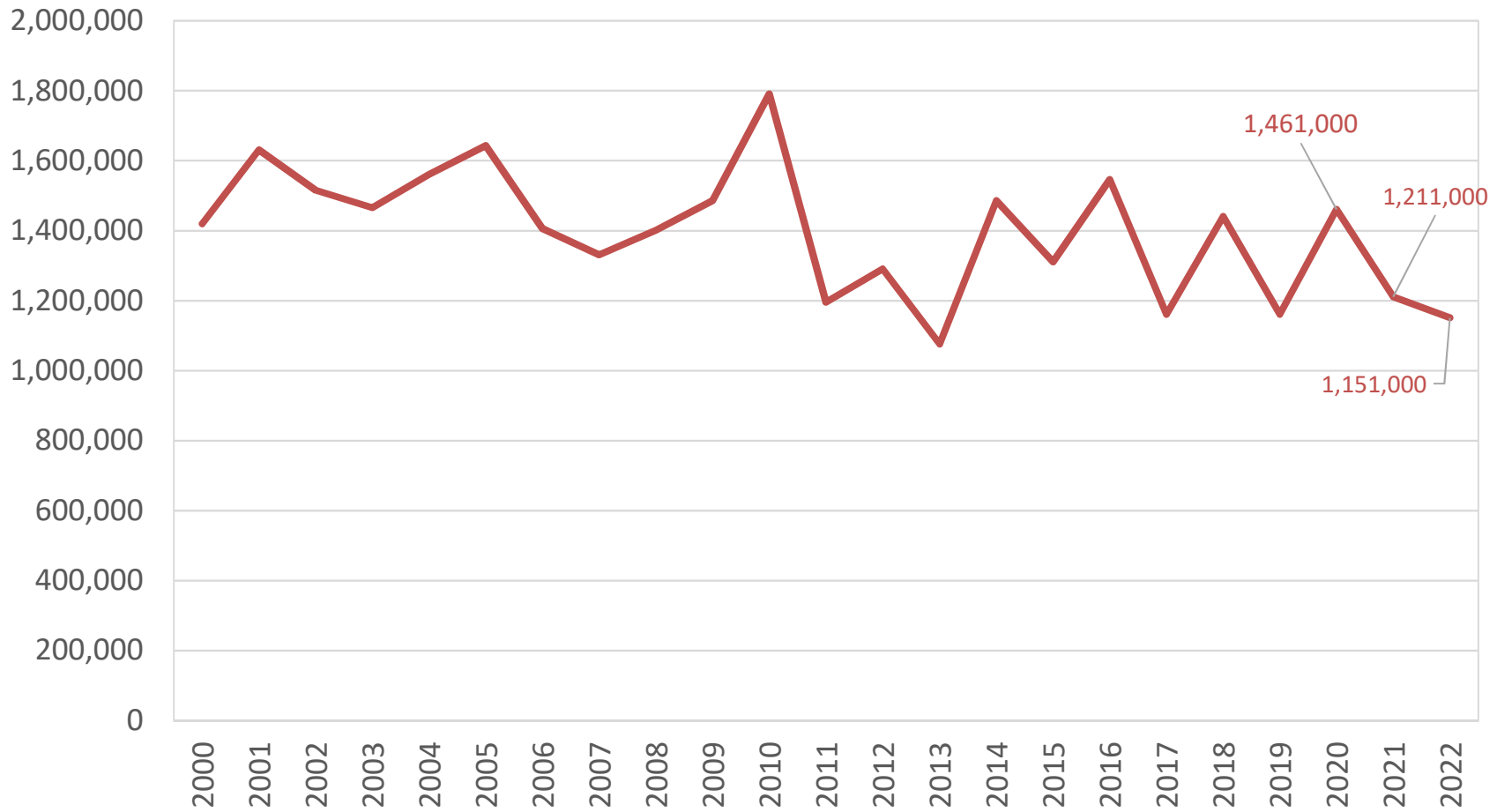
Acreage in 2021 was 2.532 million vs. acreage in 2022 of 2.220 million



Source: USDA NASS, September 2022.

Arkansas Rice Plantings

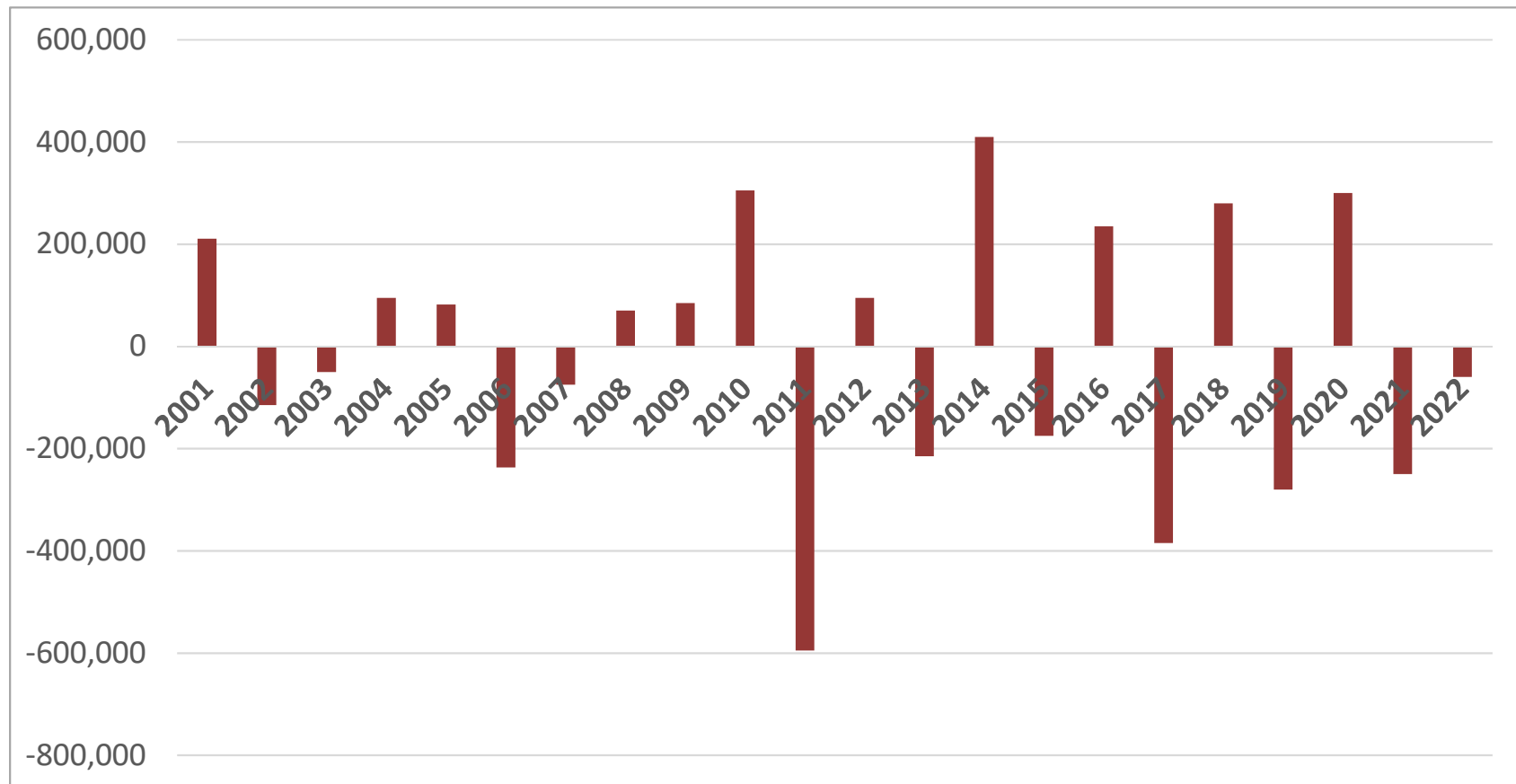
Trends in Arkansas rice plantings from 2000 to 2022



Source: USDA NASS.

Y-O-Y Change in Arkansas Rice Plantings

Trends in Arkansas rice plantings from 2000 to 2022



Source: USDA NASS.

Arkansas Rice Plantings (Even vs. Odd Years)

2022 state planted acres = 1,106,000

| | | | |
|-------------------|-----------|-------------------|-----------|
| 2000 | 1,420,000 | 2001 | 1,631,000 |
| 2002 | 1,516,000 | 2003 | 1,466,000 |
| 2004 | 1,561,000 | 2005 | 1,643,000 |
| 2006 | 1,406,000 | 2007 | 1,331,000 |
| 2008 | 1,401,000 | 2009 | 1,486,000 |
| 2010 | 1,791,000 | 2011 | 1,196,000 |
| 2012 | 1,291,000 | 2013 | 1,076,000 |
| 2014 | 1,486,000 | 2015 | 1,311,000 |
| 2016 | 1,546,000 | 2017 | 1,161,000 |
| 2018 | 1,441,000 | 2019 | 1,161,000 |
| 2020 | 1,461,000 | 2021 | 1,211,000 |
| Avg. Since 2000 | 1,483,636 | Avg. Since 2001 | 1,333,909 |
| Avg. Last 5-Years | 1,445,000 | Avg. Last 5-Years | 1,184,000 |

U.S. Total Rice Supply and Use

2021/22 and 2022/23 Marketing Year Comparison

| Total U.S. (All) Rice | 2021/22 (M cwt) | 2022/23 (M cwt) | Percent Change |
|--------------------------|--------------------|--------------------|-------------------|
| Beginning stocks | 43.7 | 39.7 | -9.2% |
| Production | 191.8 | 165.1 | -13.9% |
| Imports | 37.8 | 44.0 | +16.4% |
| Total Rice Supply | 273.2 | 248.9 | -8.9% |
| Domestic use | 151.4 | 141.0 | -6.7% |
| Exports | 82.2 | 77.0 | -6.3% |
| Total Rice Use | 233.5 | 218.0 | -6.6% |
| Ending stocks | 39.7 | 30.9 | -22.2% |
| Stocks-to-Use Ratio | 17.0% | 14.2% | -2.8% |

Source: USDA WASDE Report. September 12, 2022.

U.S. Long Grain Supply and Use

2020/21 and 2021/22 Marketing Year Comparison

| Total U.S. <u>Long Grain Rice</u> | 2021/22 (M cwt) | 2022/23 (M cwt) | Percent Change |
|-----------------------------------|--------------------|--------------------|-------------------|
| Beginning stocks | 29.7 | 24.6 | -17.2% |
| Production | 144.6 | 132.3 | -8.5% |
| Imports | 30.7 | 34.0 | +10.8% |
| Total Rice Supply | 205.1 | 190.9 | -6.9% |
| Domestic use | 119.8 | 112.0 | -6.5% |
| Exports | 60.6 | 58.0 | -4.3% |
| Total Rice Use | 180.4 | 170.0 | -5.8% |
| Ending stocks | 24.6 | 20.9 | -15.1% |
| Stocks-to-Use Ratio | 13.7% | 12.3% | |
| Average Farm Price (\$/cwt) | \$13.70 | \$16.50 | |

Source: USDA WASDE Report. September 12, 2022.

\$22.19/bbl

\$26.73/bbl



U.S. Medium and Short Grain Supply and Use

2020/21 and 2021/22 Marketing Year Comparison

| Total U.S. <u>MG & SG Rice</u> | 2021/22 (M cwt) | 2022/23 (M cwt) | Percent Change |
|------------------------------------|--------------------|--------------------|-------------------|
| Beginning stocks | 11.5 | 13.0 | +13.1% |
| Production | 47.2 | 32.8 | -30.5% |
| Imports | 7.1 | 10.0 | +40.9% |
| Total Rice Supply | 66.2 | 55.9 | -15.6% |
| Domestic use | 31.6 | 29.0 | -8.2% |
| Exports | 21.5 | 19.0 | -11.6% |
| Total Rice Use | 53.1 | 48.0 | -9.6% |
| Ending stocks | 13.0 | 7.9 | -39.2% |
| Stocks-to-Use Ratio | 24.7% | 16.5% | |
| Average Farm Price (\$/cwt) | \$14.10 | \$17.00 | |

Source: USDA WASDE Report. September 12, 2022.

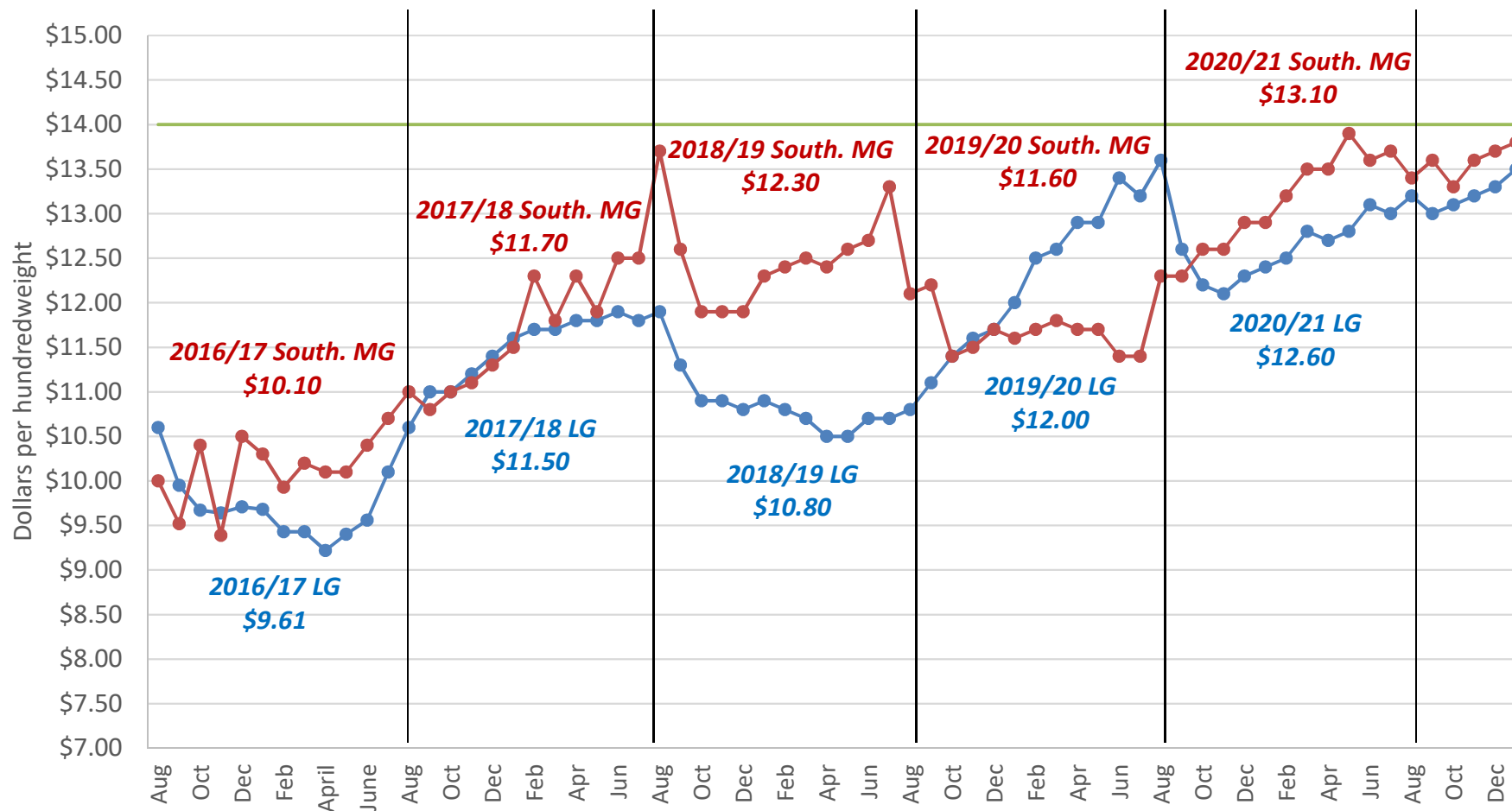
\$22.84/bbl

\$27.54/bbl



U.S. Rice Prices by Class

Projected prices \$16.50 per cwt for LG and \$17.00 per cwt for south. MG rice

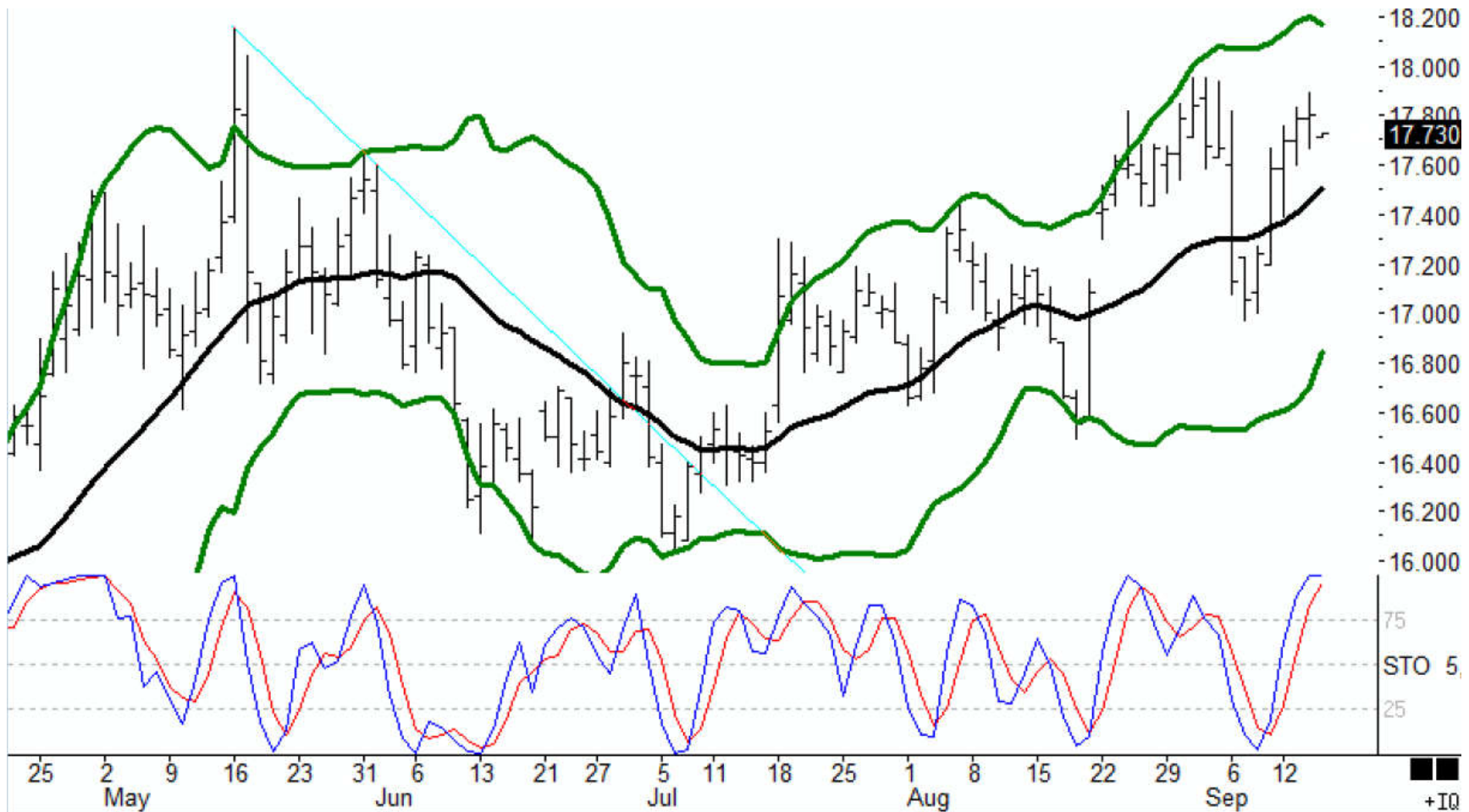


Source: USDA ERS Rice Outlook. September 2022.



Rough Rice Futures Price Performance

November 2022 contract performance as of September 15, 2022

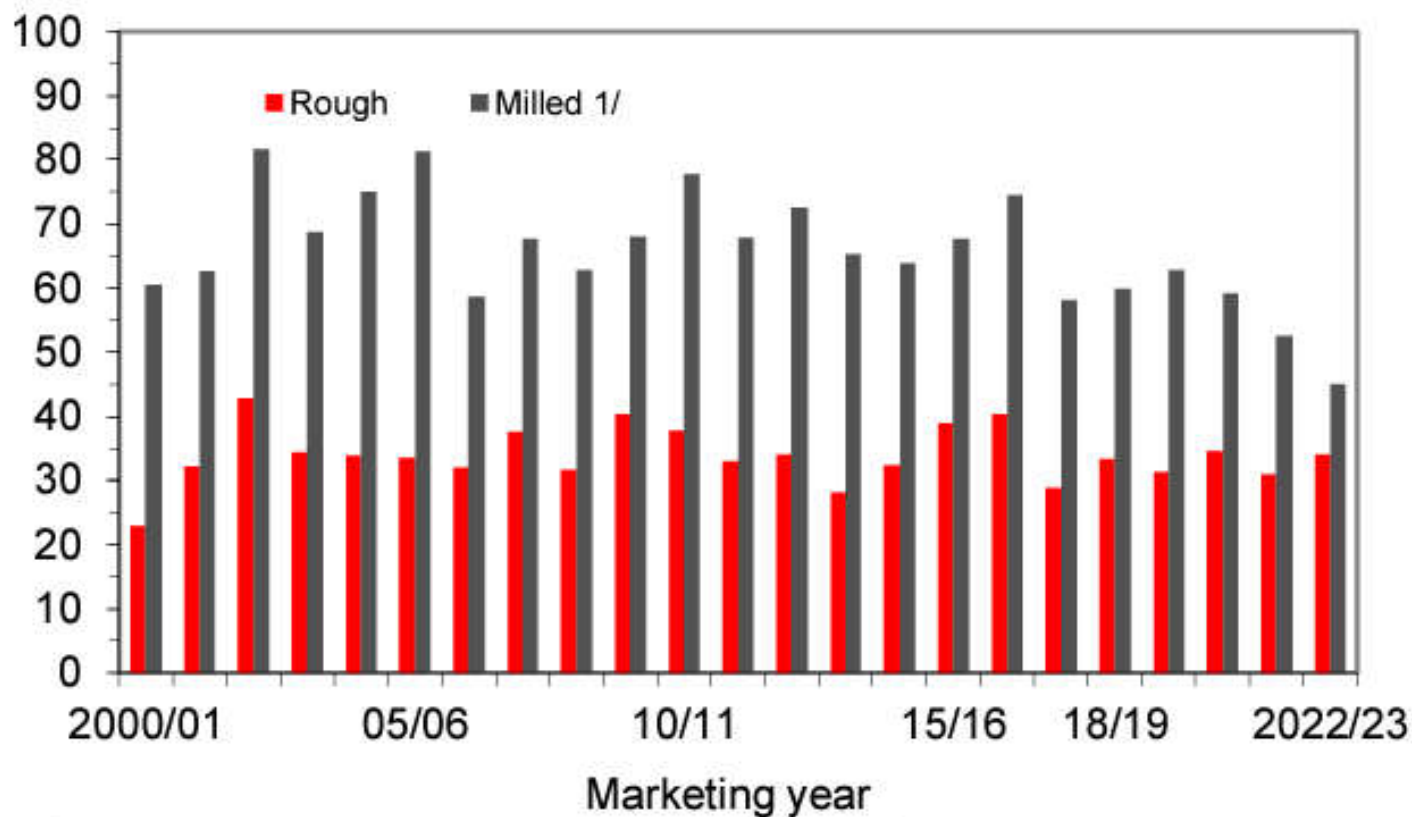


Source: CBOT, Rice Market Letter.

U.S. Milled and Rough Rice Exports

Milled exports projected to continue declining while RR projected to increase

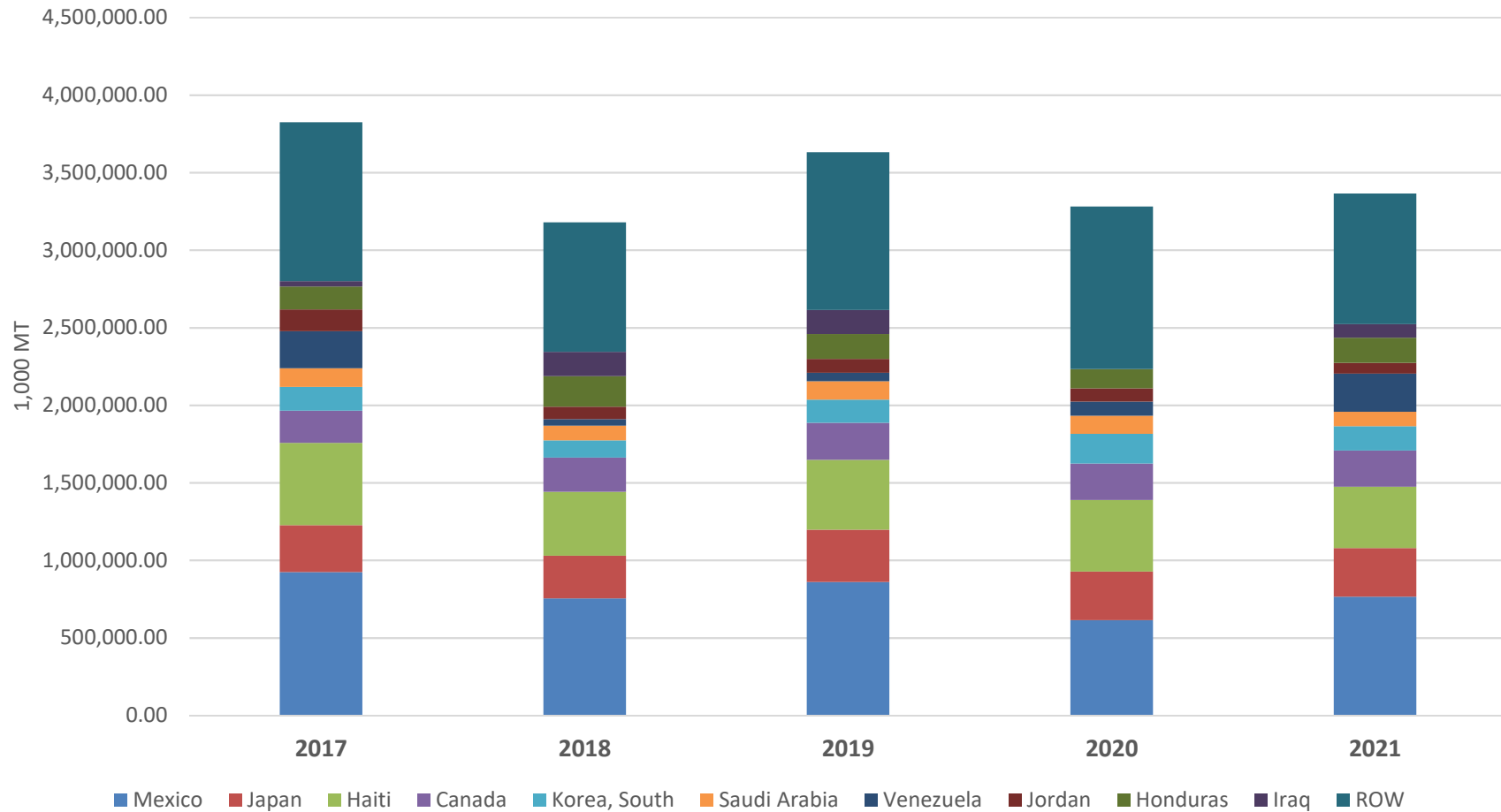
Million tons



Source: USDA ERS.

Top U.S. Rice Export Markets

Previous five-year comparison



Source: USDA FAS.

U.S. Rice Exports to Latin America

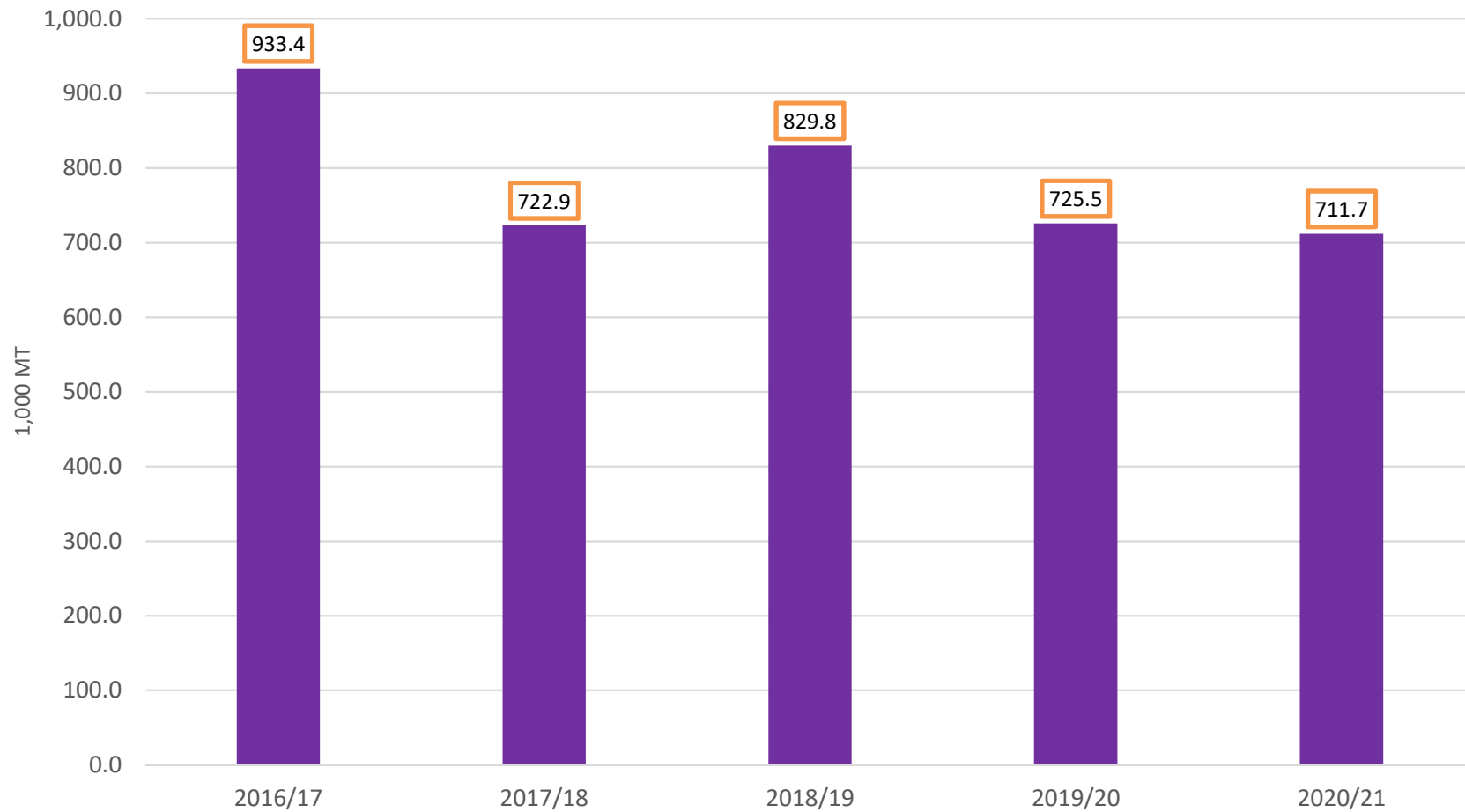
Observing U.S. market share over time, selected countries

| Country | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | 2018/19 | 2019/20 | 2020/21 |
|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Honduras | 91.9% | 93.3% | 89.3% | 96.6% | 94.7% | 96.4% | 93.4% | 88.5% | 72.7% | 89.9% |
| Mexico | 93.5% | 86.4% | 82.5% | 86.4% | 84.3% | 75.8% | 71.8% | 84.5% | 54.1% | 72.4% |
| Guatemala | 97.2% | 87.3% | 101.6% | 108.1% | 89.4% | 87.1% | 87.8% | 81.0% | 43.1% | 84.8% |
| El Salvador | 82.4% | 81.5% | 78.9% | 90.8% | 76.7% | 71.2% | 73.7% | 85.7% | 53.5% | 81.1% |
| Dominican Republic | 100.0% | 100.0% | 100.0% | 100.0% | 95.0% | 97.6% | 100.0% | 95.8% | 97.4% | 100.0% |
| Panama | 86.5% | 41.1% | 41.3% | 100.0% | 37.8% | 61.7% | 12.3% | 44.7% | 19.0% | 96.0% |
| Costa Rica | 83.3% | 51.6% | 50.5% | 53.3% | 46.3% | 38.4% | 39.1% | 34.4% | 22.0% | 36.7% |
| Nicaragua | 55.6% | 7.3% | 2.9% | 1.4% | 0.8% | 5.7% | 8.8% | 90.3% | 62.5% | 71.6% |
| Colombia | 27.3% | 41.6% | 27.4% | 79.1% | 41.0% | 94.3% | 79.3% | 58.9% | 56.5% | 32.3% |
| Venezuela | 42.4% | 41.4% | 34.0% | 29.4% | 51.8% | 51.1% | 4.7% | 7.4% | 11.1% | 28.8% |

Source: USDA FAS.

U.S. Rice Exports to Mexico

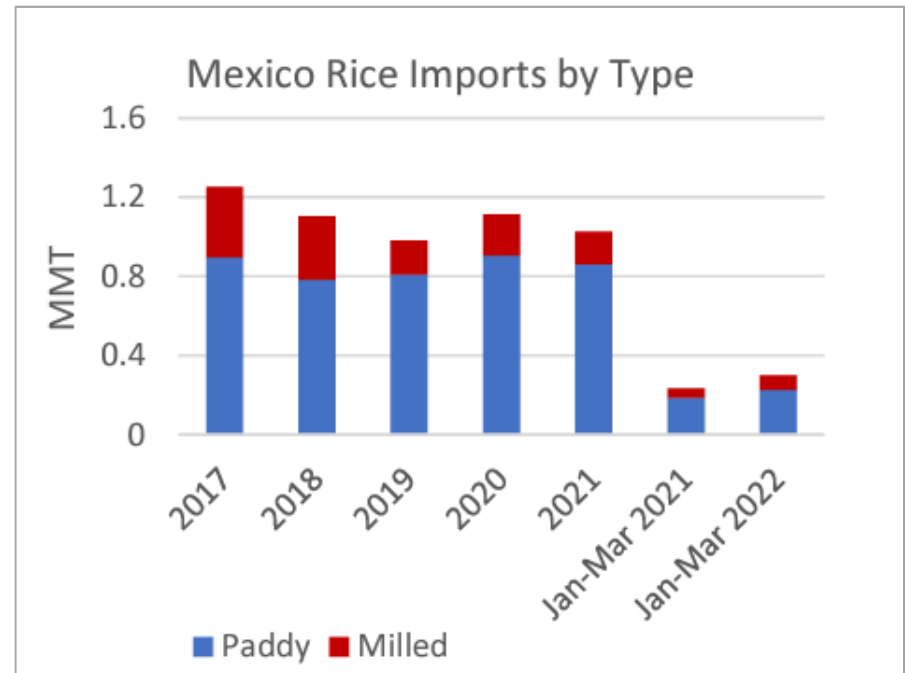
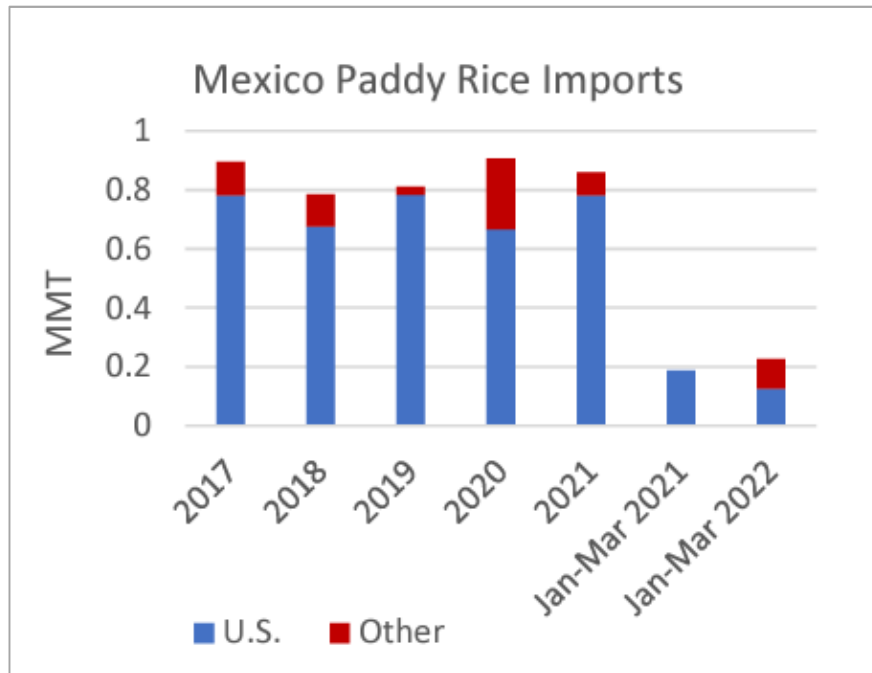
Decreasing trend over the previous five-years



Source: USDA FAS.

Mexico's Rice Imports

Mexico slashes paddy rice tariff in efforts to diversify suppliers

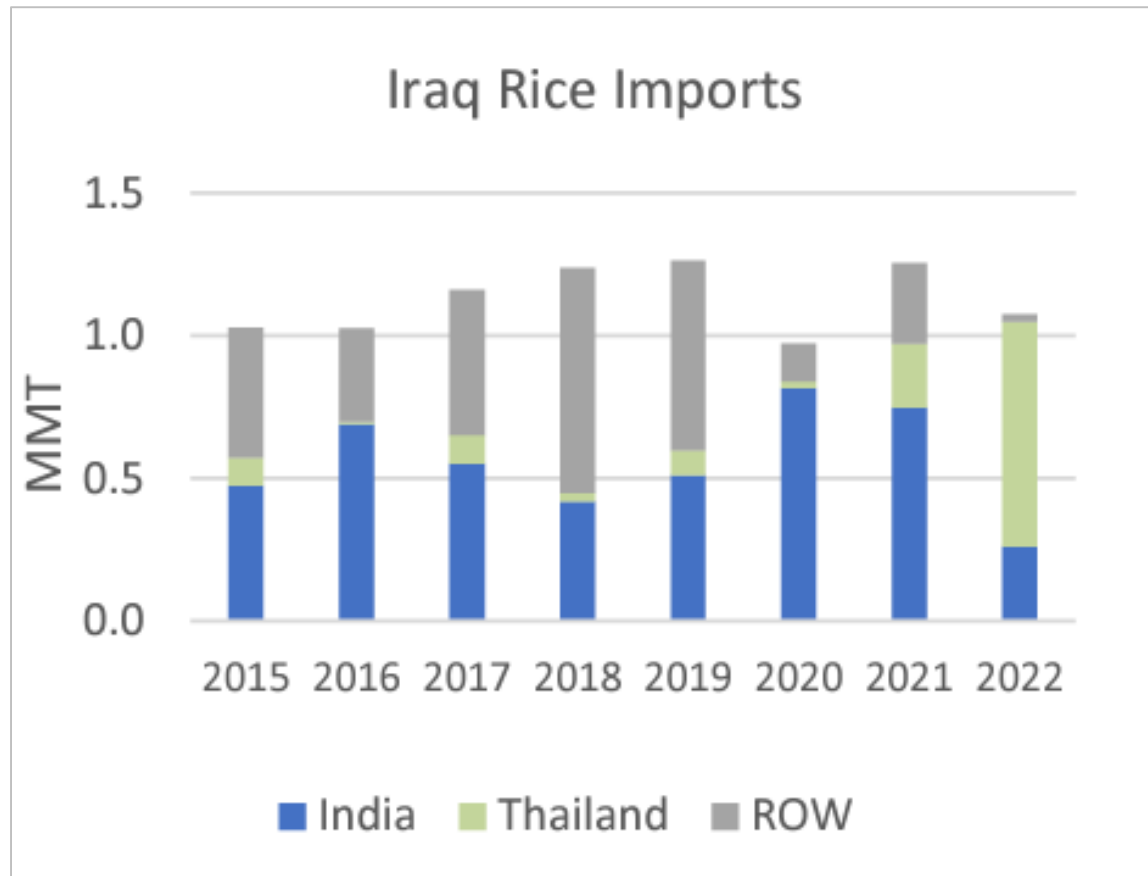


On May 16th, the Mexican government announced an effort to combat food price inflation with the elimination of import duties on a range of commodities for one year, including paddy rice.

Source: USDA FAS, June 2022.

Iraq Rice Imports

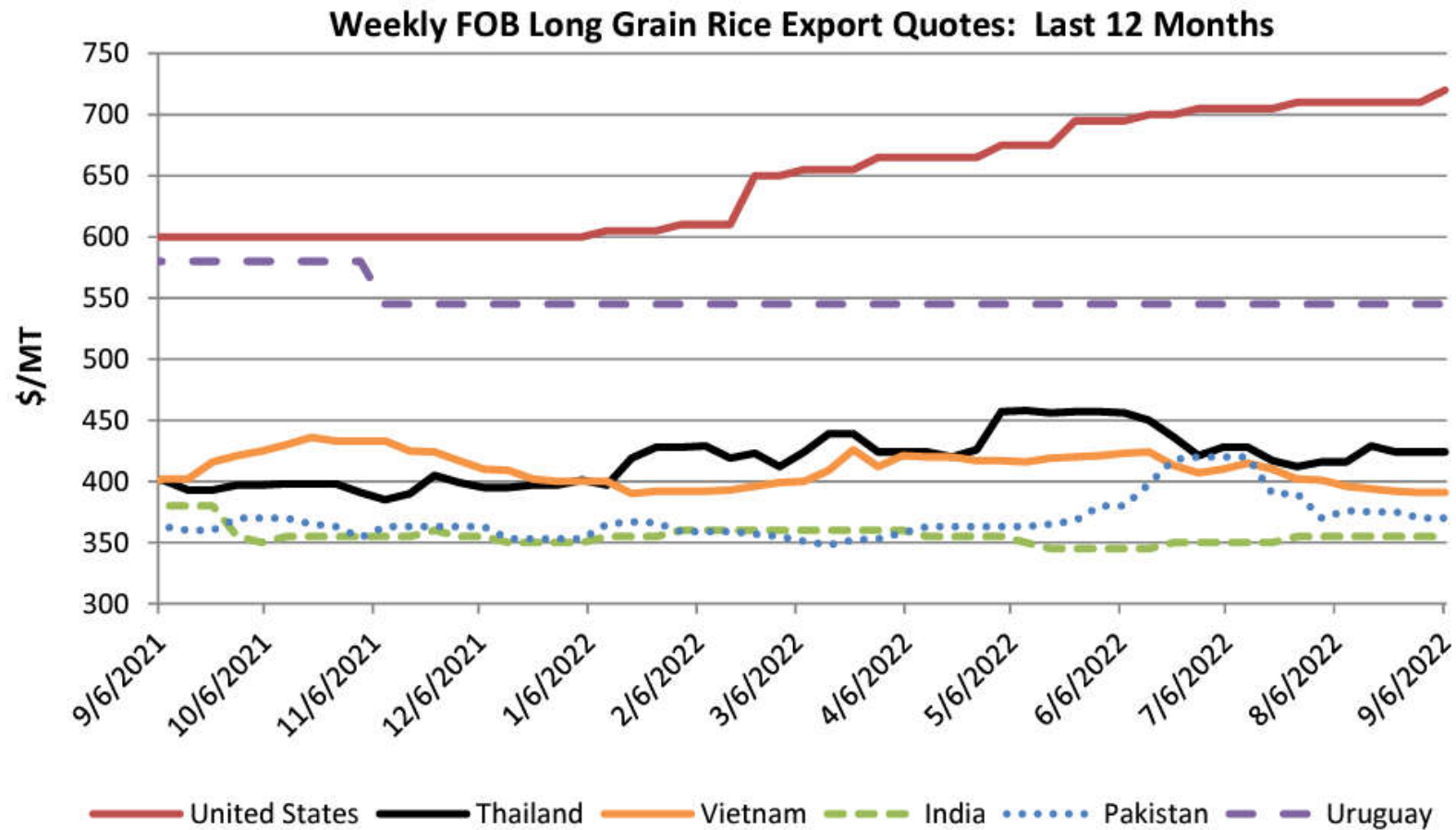
Historically purchased rice from Western Hemisphere and Asian suppliers



Source: USDA FAS. September 2022.

Weekly FOB Long Grain Rice Export Price Quotes

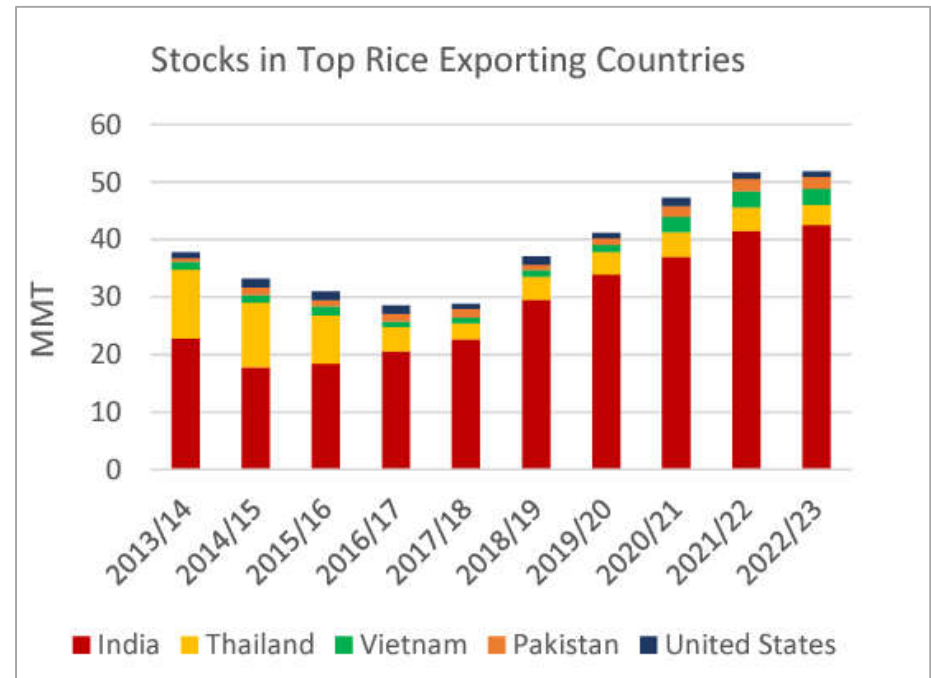
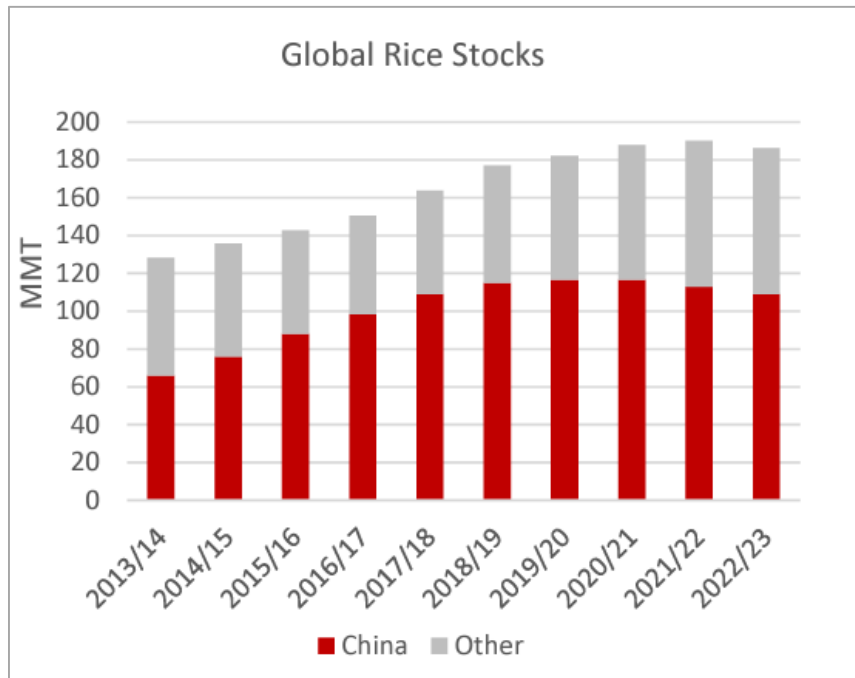
Last 12-month period



Source: USDA FAS. September 2022.

Global Rice Stocks and Exporter Stocks

Global stocks lower; global exports up (India remains the top exporter)

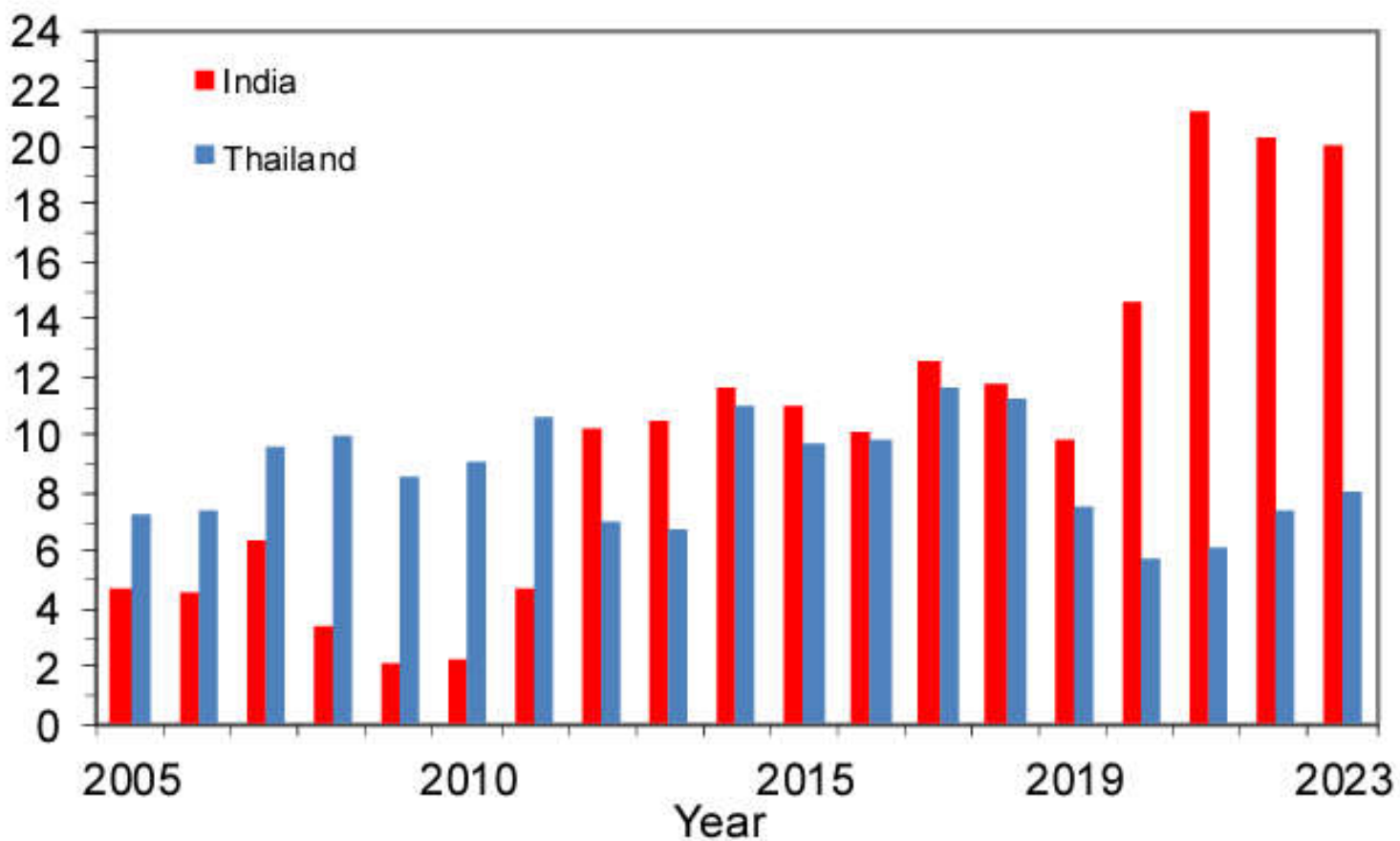


Source: USDA FAS.

India and Thailand Rice Exports

India's exports to decline while Thailand's export up 8% for 2023

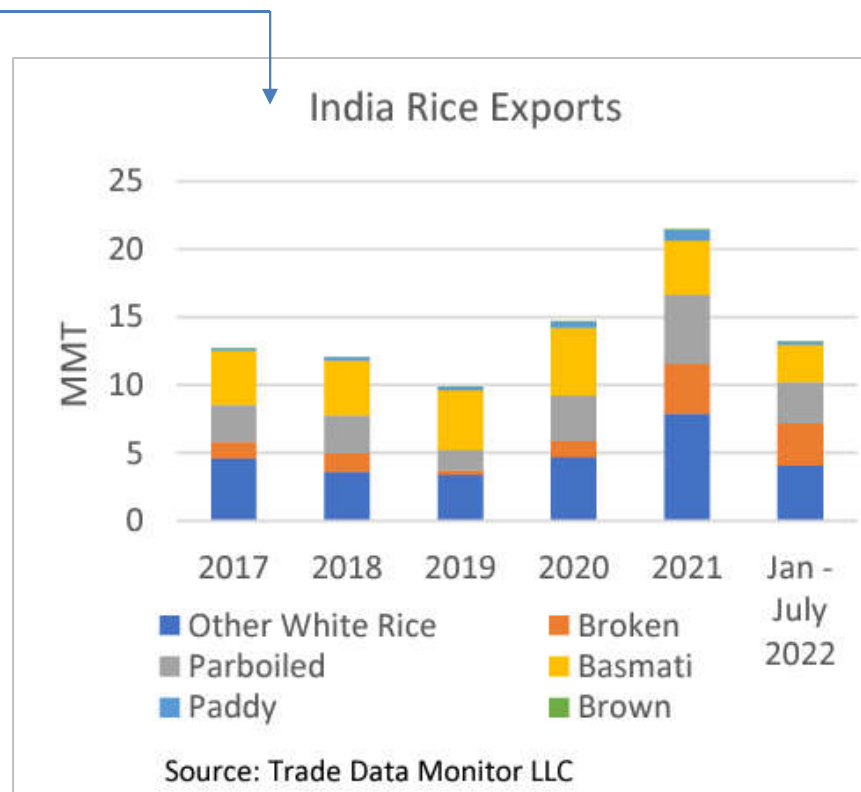
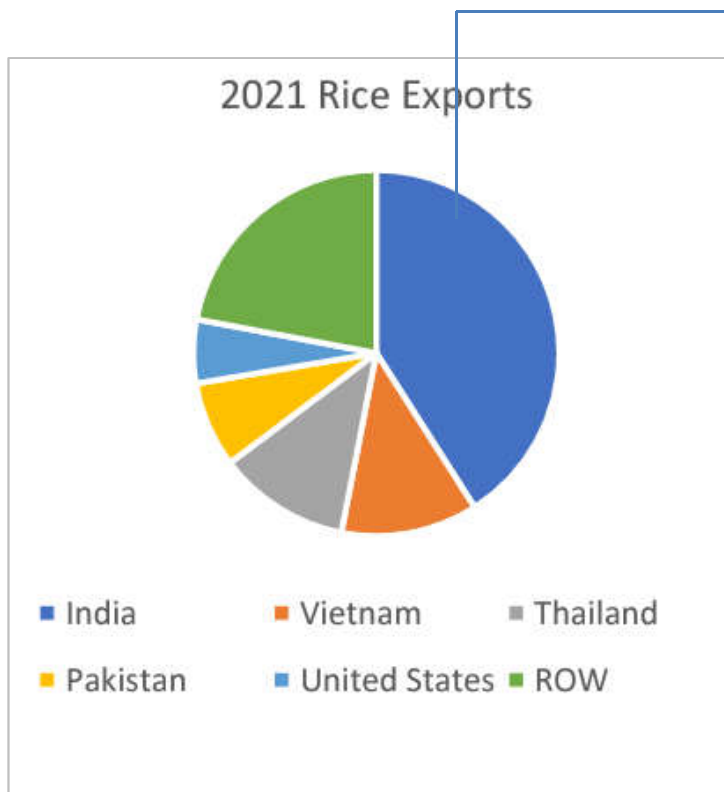
Million tons



Source: USDA ERS.

India's Rice Exports

India imposes export restrictions on certain types of rice



Source: USDA FAS. September 2022.

Appreciation is extended to the Louisiana Rice Research Board for their support.



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