# U.S. Selected Exports, Trade and Transportation

## Wheat, Corn, Grain Sorghum and Soybean Complex

6th May 2021

**KSU Agriculture Today Podcast Link:** https://agtodayksu.libsyn.com/timeliness-of-corn-and-soybean-plantingworld-grain-supply-and-demand

**KSU Ag Manager Link:** https://www.agmanager.info/grain-marketing/publications/us-grain-exports-and-trade

**USDA Transportation Report:** https://www.ams.usda.gov/services/transportation-analysis/gtr

**USDA FAS Historical Grain Shipments:** https://apps.fas.usda.gov/export-sales/wkHistData.htm, https://apps.fas.usda.gov/export-sales/complete.htm

- **This summary is based on reports for the period 23rd to 29th April 2021**
- **Outstanding Export Sales (Unshipped Balances) on 29th April 2021**
- **Export Shipments in Current Marketing Year**
- **Daily Sales Reported 23rd to 29th April 2021**

## U.S. export balances and cumulative exports (1,000 metric tons)

| | Wheat | | | | | | Corn | Soybeans | Total |
|---|---|---|---|---|---|---|---|---|---|
| For the week ending | HRW | SRW | HRS | SWW | DUR | All wheat | | | |
| **Export balances**[1] | | | | | | | | | |
| 4/22/2021 | 1,098 | 255 | 1,188 | 1,084 | 72 | 3,696 | 26,411 | 5,055 | 35,162 |
| This week year ago | 1,560 | 200 | 1,306 | 875 | 133 | 4,075 | 14,045 | 5,308 | 23,428 |
| **Cumulative exports-marketing year**[2] | | | | | | | | | |
| 2020/21 YTD | 7,627 | 1,555 | 6,553 | 5,568 | 595 | 21,897 | 41,308 | 56,065 | 119,270 |
| 2019/20 YTD | 8,265 | 2,209 | 6,281 | 4,301 | 802 | 21,857 | 22,634 | 33,593 | 78,084 |
| YTD 2020/21 as % of 2019/20 | 92 | 70 | 104 | 129 | 74 | 100 | 183 | 167 | 153 |
| Last 4 wks. as % of same period 2019/20* | 74 | 132 | 98 | 167 | 56 | 104 | 202 | 99 | 162 |
| Total 2019/20 | 9,526 | 2,318 | 6,960 | 4,751 | 922 | 24,477 | 42,622 | 43,994 | 111,094 |
| Total 2018/19 | 8,591 | 3,204 | 6,776 | 5,164 | 479 | 24,214 | 48,924 | 46,189 | 119,327 |

[1] Current unshipped (outstanding) export sales to date.

[2] Shipped export sales to date; 2020/21 marketing year now in effect for wheat, corn, and soybeans.

Note: marketing year: wheat = 6/01-5/31, corn and soybeans = 9/01-8/31. YTD = year-to-date; wks. = weeks; HRW= hard red winter; SRW = soft red winter; HRS= hard red spring, SWW= soft white wheat; DUR= durum.

Source: USDA, Foreign Agricultural Service.

## ➢ Export Sales

For the week ending April 22, unshipped balances of wheat, corn, and soybeans totaled 35.2 mmts. This was 5-percent lower than last week, but 50% higher than the same time last year.

- Net corn export sales were 0.521 mmts, up 35% from the previous week.
- Net soybean export sales were 0.293 mmts, up from the previous week.
- Net weekly wheat export sales were 0.224 mmts, down 7% from the previous week.

## ➢ Export Inspections

### GRAINS INSPECTED AND/OR WEIGHED FOR EXPORT

WEEK ENDING THE 29th OF APRIL 2021

| GRAIN | ----------- WEEK ENDING 04/15/2021 | 04/08/2021 | ---------- 04/16/2020 | PREVIOUS MARKET YEAR TO DATE | CURRENT MARKET YEAR TO DATE |
|---|---|---|---|---|---|
| BARLEY | 499 | 24 | 0 | 33,143 | 30,548 |
| CORN | 2,139,077 | 1,954,012 | 1,349,204 | 43,374,708 | 23,775,758 |
| FLAXSEED | 0 | 0 | 0 | 509 | 520 |
| MIXED | 0 | 0 | 0 | 0 | 0 |
| OATS | 0 | 0 | 0 | 4,290 | 3,343 |
| RYE | 0 | 0 | 0 | 0 | 0 |
| SORGHUM | 235,496 | 182,614 | 198,359 | 5,618,016 | 2,647,538 |
| SOYBEANS | 143,418 | 284,074 | 381,177 | 55,458,814 | 33,778,843 |
| SUNFLOWER | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 509,932 | 581,087 | 588,193 | 23,128,846 | 23,096,816 |
| Total | 3,028,422 | 3,001,811 | 2,516,933 | 127,618,326 | 83,333,366 |

CROP MARKETING YEARS BEGIN JUNE 1 FOR WHEAT, RYE, OATS, BARLEY AND FLAXSEED; SEPTEMBER 1st FOR CORN, SORGHUM, SOYBEANS AND SUNFLOWER SEEDS. INCLUDES WATERWAY SHIPMENTS TO CANADA.
https://www.ams.usda.gov/mnreports/wa_gr101.txt

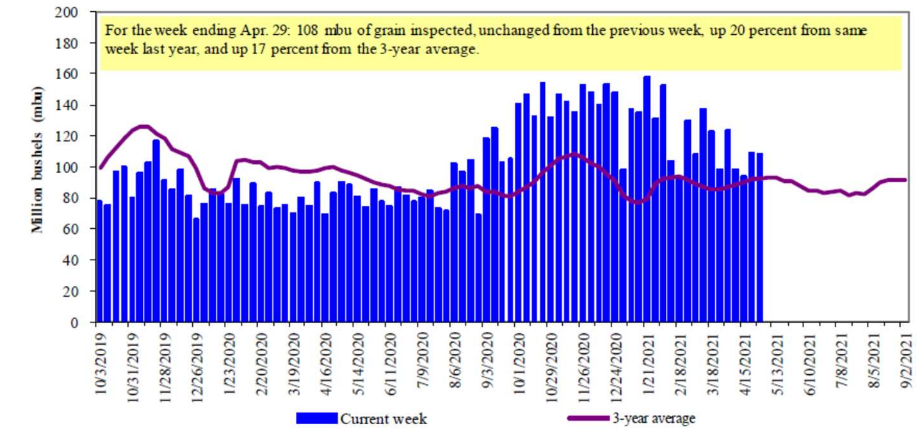
**Weekly port region grain ocean vessel activity (number of vessels)**

| Date | Gulf In port | Gulf Loaded 7-days | Gulf Due next 10-days | Pacific Northwest In port |
|---|---|---|---|---|
| 4/29/2021 | 22 | 35 | 52 | 16 |
| 4/22/2021 | 35 | 32 | 41 | 22 |
| 2020 range | (22…60) | (23…46) | (34…68) | (7…24) |
| 2020 average | 37 | 33 | 49 | 15 |

Note: n/a = not available due to holiday.

Source: USDA, Agricultural Marketing Service.

**U.S. grain inspected for export (wheat, corn, and soybeans)**

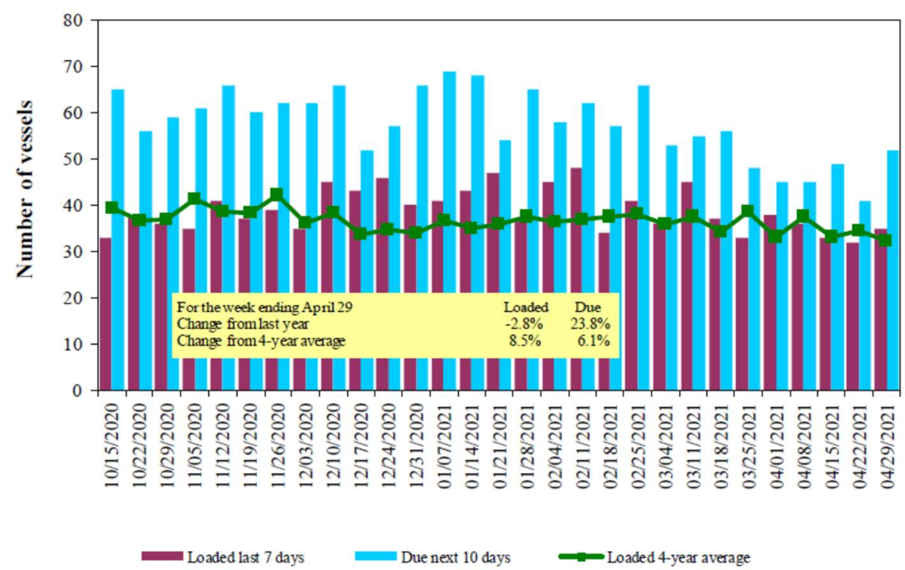



Note: 3-year average consists of 4-week running average.

Source: USDA, Federal Grain Inspection Service.

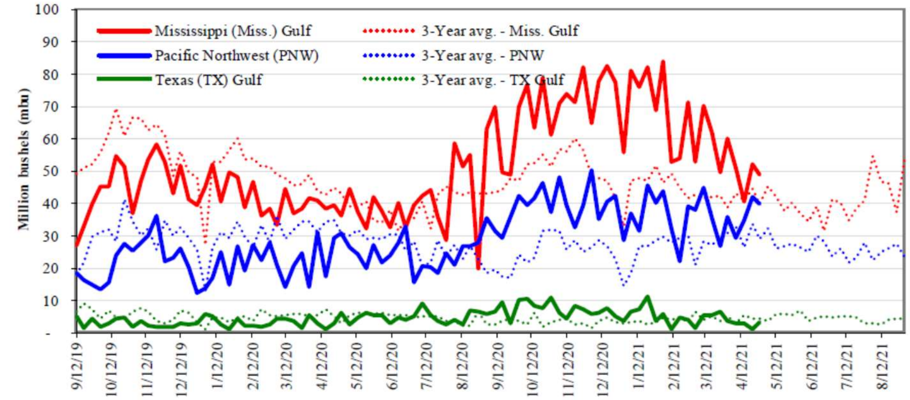
For the week ending the 29th of April, 35 ocean going grain vessels were loaded in the Gulf; 3% fewer than the same period last year. Within the next 10 days (starting April 30th), 52 vessels were expected to be loaded; 24% more than the same period last year.

**U.S. Gulf[1] vessel loading activity**




[1]U.S. Gulf includes Mississippi, Texas, and East Gulf.
Source:USDA, Agricultural Marketing Service.

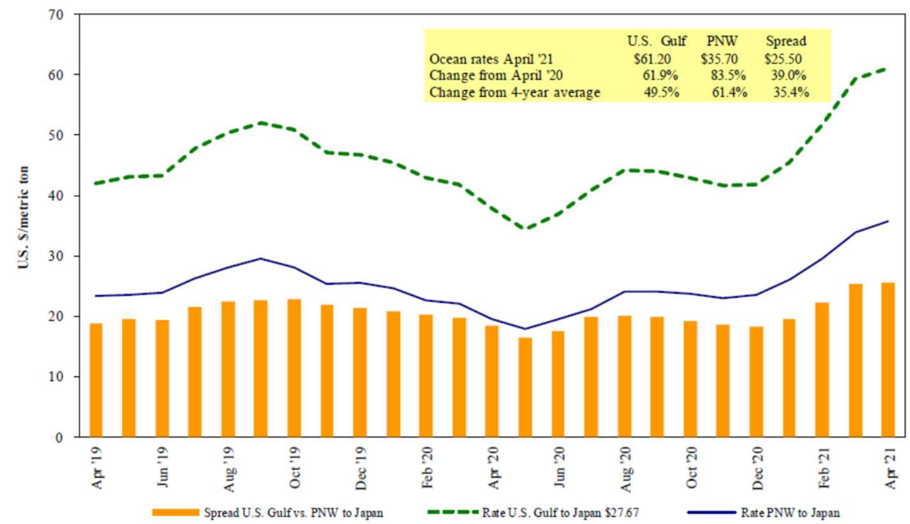
### U.S. Grain inspections: U.S. Gulf and PNW[1] (wheat, corn, and soybeans)




| Week ending 04/29/21 inspections (mbu): | | Percent change from: | MS Gulf | TX Gulf | U.S. Gulf | PNW |
|---|---|---|---|---|---|---|
| MS Gulf: | 48.8 | Last wk: | down 7 | up 225 | down 2 | down 6 |
| PNW: | 39.7 | Last Year (same wk): | up 35 | down 47 | up 24 | up 28 |
| TX Gulf: | 3.2 | 3-yr avg. (4-wk. mov. Avg): | up 16 | down 22 | up 13 | up 30 |

Source: USDA, Federal Grain Inspection Service.

### Grain vessel rates, U.S. to Japan




Note: PNW = Pacific Northwest

Source: O'Neil Commodity Consulting

As of the 29th of April, the rate for shipping a metric ton (mt) of grain from the U.S. Gulf to Japan was $63.00/mt. This was 1% more than the previous week. The rate from the Pacific Northwest to Japan was $36.50/mt, unchanged from the previous week.

**Ocean freight rates for selected shipments, week ending 05/01/2021**

| Export region | Import region | Grain types | Loading date | Volume loads (metric tons) | Freight rate (US$/metric ton) |
|---|---|---|---|---|---|
| U.S. Gulf | Japan | Heavy grain | Aug 21/Sep 9 | 50,000 | 60.90 |
| U.S. Gulf | Japan | Grain | May 25/Jun 25 | 50,000 | 46.85 op 47.85 |
| U.S. Gulf | Japan | Wheat | May 1/15 | 31,877 | 58.33 |
| U.S. Gulf | Japan | Wheat | May 1/14 | 47,405 | 67.50 |
| U.S. Gulf | Japan | Heavy grain | Apr 15/May 15 | 50,000 | 47.00 |
| U.S. Gulf | Japan | Heavy grain | Apr 1/30 | 48,000 | 46.75 |
| U.S. Gulf | China | Heavy grain | Apr 14/29 | 68,000 | 63.50 |
| U.S. Gulf | South Korea | Heavy grain | Feb 20/28 | 51,000 | 51.50 |
| U.S. Gulf | Sudan | Wheat | May 20/30 | 48,000 | 112.75* |
| U.S. Gulf | Pt Sudan | Sorghum | Feb 15/25 | 34,860 | 143.13* |
| U.S. Gulf | Vietnam | Corn | Feb 5/15 | 70,000 | 47.25 |
| PNW | Japan | Wheat | Jun 5/15 | 50,600 | 49.30 |
| PNW | Japan | Grain | Mar 5/14 | 28,000 | 48.10 |
| PNW | Taiwan | Wheat | May 29/Jun 12 | 45,665 | 48.00 |
| PNW | Taiwan | Corn | Feb 20/Mar 15 | 65,000 | 24.90 |
| Brazil | China | Heavy grain | Mar 21/31 | 66,000 | 44.00 |
| Brazil | China | Heavy grain | Mar 21/30 | 66,000 | 45.50 |
| River Plate | S. Korea | Corn | May 1/31 | 68,000 | 52.60* |
| Ukraine | China | Corn | Feb 10/17 | 60,000 | 36.40 op 38.90 |

*50 percent of food aid from the United States is required to be shipped on U.S.-flag vessels.

Note: Rates shown are per metric ton (2,204.62 lbs. = 1 metric ton), free on board (F.O.B), except where otherwise indicated; op = option.

Source: Maritime Research, Inc.

- ## Agriculture Industry Urges DOT To Protect U.S. Exporters

On the 27th of April 2021, 300 agriculture and forest product companies sent a letter to the Department of Transportation's (DOT) Secretary urging DOT to help protect their export businesses by intervening with vessel-operating common carriers (VOCCs).

Exporters report that, over the last year, global ocean carriers often return containers empty overseas to be loaded and shipped again, rather than loading the containers with U.S. exports. In their letter to DOT, the companies note VOCCs return the containers empty because high import freight rates; combined with congestion and delay at U.S. ports, make it profitable to do so.

The letter urges DOT to assist the Federal Maritime Commission in expediting its enforcement options.

- **Wheat Export Shipments & Sales**

  Net sales reductions of 95,600 mts for 2020/2021--a marketing-year low--were down noticeably from the previous week and from the prior 4-week average. Increases primarily for Mexico (31,800 mts, including decreases of 200 mts), Haiti (27,500 mts, switched from unknown destinations), Nigeria (12,400 mts), Portugal (8,600 mts, including 9,500 mts switched from unknown destinations and decreases of 900 mts), and South Korea (4,100 mts), were more than offset by reductions primarily for unknown destinations (131,500 mts). For 2021/22, net sales of 399,600 mts were primarily for unknown destinations (127,400 mts) and Mexico (108,900 mts).

  Exports of 585,600 mts were up 7% from the previous week and 6% from the prior 4-week average. The destinations were primarily to China (198,900 mts), Mexico (88,400 mts), Japan (59,200 mts), South Korea (54,100 mts), and Canada (28,700 mts).

  Optional Origin Sales: For 2020/2021, new optional origin sales of 1,600 mts were reported for Spain. The current outstanding balance of 55,100 mts is for Spain.

**Top 10 importers[1] of all U.S. wheat**

| For the week ending 4/22/2021 | Total Commitments 2020/21 current MY | 2019/20 last MY | % change current MY from last MY | Exports[3] 3-yr. avg. 2017-19 |
|---|---|---|---|---|
| | 1,000 mt - | | | - 1,000 mt - |
| Mexico | 3,620 | 3,785 | (4) | 3,213 |
| Philippines | 3,205 | 3,386 | (5) | 2,888 |
| Japan | 2,490 | 2,742 | (9) | 2,655 |
| Nigeria | 1,413 | 1,568 | (10) | 1,433 |
| Korea | 1,842 | 1,565 | 18 | 1,372 |
| Indonesia | 937 | 1,011 | (7) | 1,195 |
| Taiwan | 1,186 | 1,442 | (18) | 1,175 |
| Thailand | 808 | 878 | (8) | 727 |
| Italy | 600 | 876 | (32) | 622 |
| Colombia | 381 | 792 | (52) | 618 |
| **Top 10 importers** | **16,483** | **18,046** | (9) | **15,897** |
| **Total U.S. wheat export sale** | **25,593** | **25,932** | (1) | **23,821** |
| % of projected exports | 95% | 99% | | |
| change from prior week[2] | **224** | **467** | | |
| **Top 10 importers' share of U.S. wheat export sales** | 64% | 70% | | 67% |
| **USDA forecast, April 2021** | **26,839** | **26,294** | 2 | |

[1] Based on USDA, Foreign Agricultural Service( FAS) marketing year ranking reports for 2019/20; Marketing year (MY) = Jun 1 - May 31.

[2] Cumulative exports (shipped) + outstanding sales (unshipped), FAS weekly export sales report, or export sales query. The total commitments change (net sales) from prior week could include revisions from the previous week's outstanding and/or accumulated sales.

[3] FAS marketing year final reports (carryover plus accumulated export); yr. = year; avg. = average.

Note: A red number in parentheses indicates a negative number.

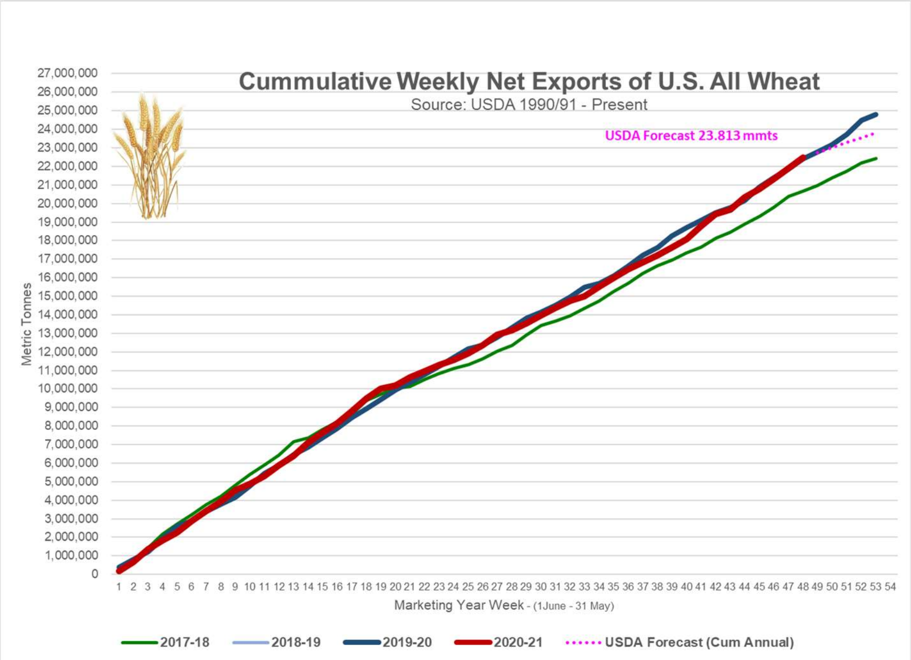
Source: USDA, Foreign Agricultural Service.

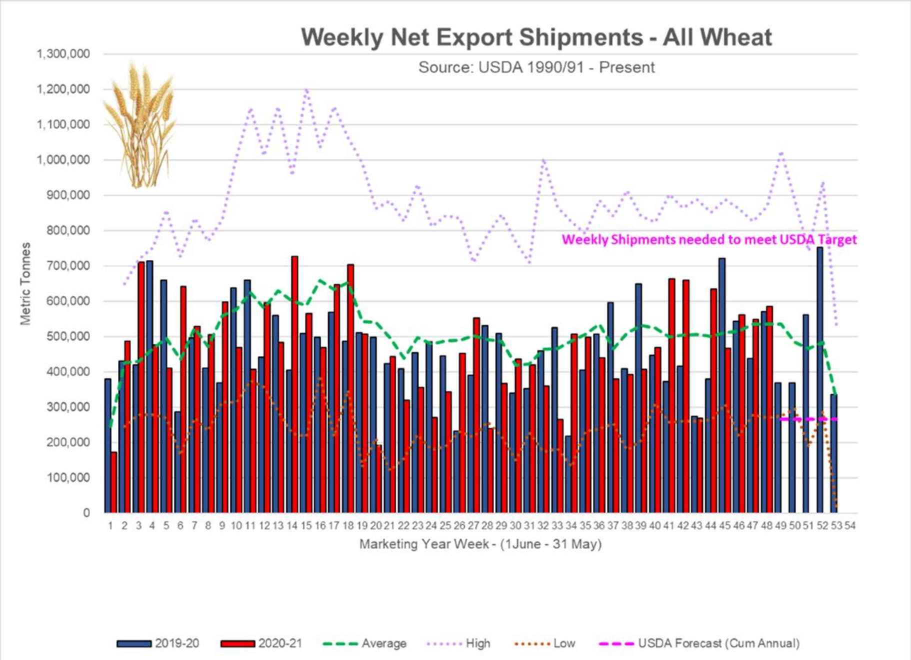
- **Rice Export Shipments & Sales**

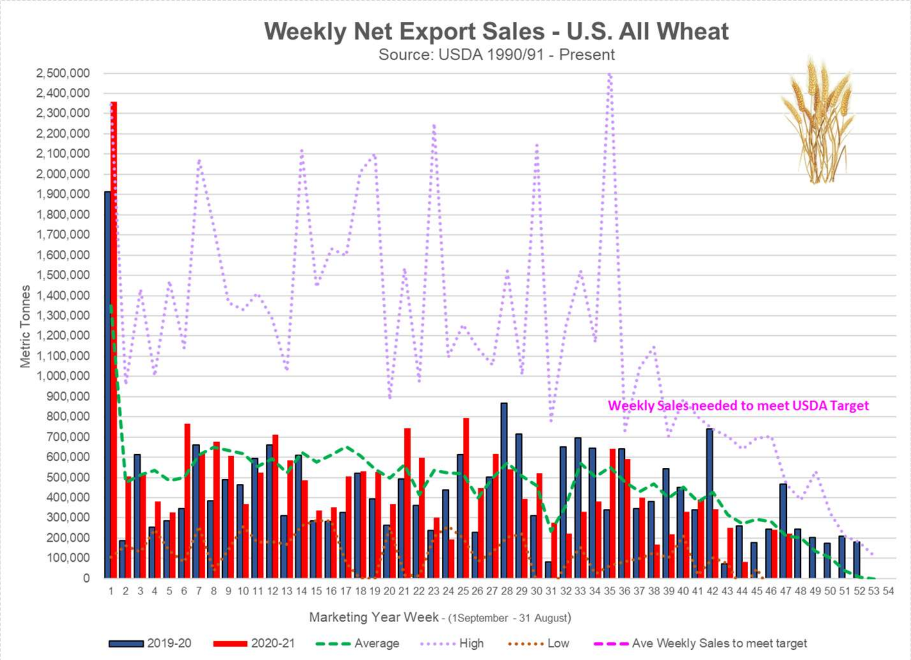
  Net sales of 37,900 mts for 2020/2021 were up 18% from the previous week, but down 16% from the prior 4-week average. Increases were primarily for Guatemala (7,500 mts), Haiti (7,200 mts), Saudi Arabia (6,700 mts), El Salvador (4,200 mts), and Israel (3,800 mts).

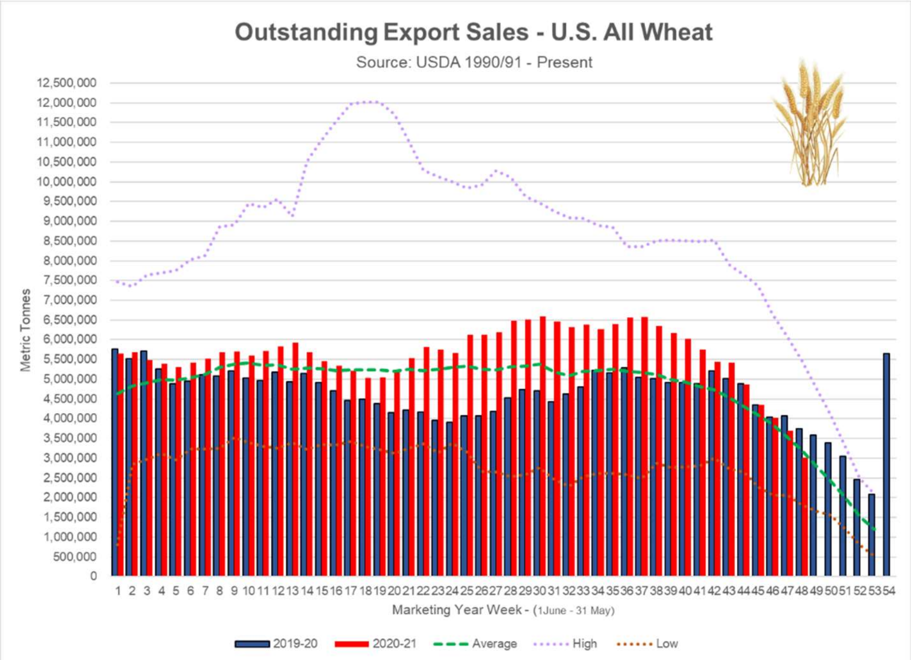
  Exports of 122,000 mts were up 49% from the previous week and up noticeably from the prior 4-week average. The destinations were primarily to Mexico (44,600 mts), Nicaragua (23,800 mts), Haiti (15,300 mts), El Salvador (9,200 mts), and Guatemala (7,200 mts).

  Exports for Own Account: For 2020/2021, exports for own account totaling 100 mts to Canada were applied to new or outstanding sales.


Cummulative Weekly Net Exports of U.S. All Wheat
Source: USDA 1990/91 - Present
USDA Forecast 23.813 mmts
Metric Tonnes
Marketing Year Week - (1June - 31 May)
2017-18
2018-19
2019-20
2020-21
USDA Forecast (Cum Annual)


Weekly Net Export Shipments - All Wheat
Source: USDA 1990/91 - Present
Weekly Shipments needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1June - 31 May)
2019-20
2020-21
Average
High
Low
USDA Forecast (Cum Annual)


Weekly Net Export Sales - U.S. All Wheat
Source: USDA 1990/91 - Present
Weekly Sales needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2019-20
2020-21
Average
High
Low
Ave Weekly Sales to meet target


Outstanding Export Sales - U.S. All Wheat
Source: USDA 1990/91 - Present
Metric Tonnes
Marketing Year Week - (1June - 31 May)
2019-20
2020-21
Average
High
Low

## First-Quarter Wheat Transportation and Landed Costs Increase

*USDA GTR* - From fourth quarter 2020 to first quarter 2021 (quarter to quarter), transportation costs rose for shipping wheat to Japan from Kansas (KS) and North Dakota (ND); both via the Pacific Northwest (PNW routes) and the U.S. Gulf (Gulf routes). Quarter to quarter, a jump in ocean freight and trucking rates was the main driver behind the higher transportation costs. Higher trucking and ocean freight rates also drove the rise in transportation costs for shipping wheat via all routes from first quarter 2020 to first quarter 2021 (year to year) (tables 1 and 2). Higher wheat farm values continued to contribute to higher total landed costs for all routes, both from quarter to quarter and year to year. Total U.S. wheat exports to Japan were up moderately from quarter to quarter, but down slightly from year to year.

### Transportation Costs

From quarter to quarter, transportation costs for shipping wheat via the Gulf routes increased 13% for the Kansas origin and 11% for the North Dakota origin. Also, quarter to quarter, transportation costs via the PNW routes from each State increased 10%. Year to year, transportation costs via the PNW routes were up 8% from Kansas and up 9% from North Dakota. For the same period, transportation costs for shipping via the Gulf routes increased 11% from Kansas and 9% from North Dakota (tables 1 and 2).

### Ocean Freight and Trucking Rates

Quarter to quarter, ocean freight rates for shipping via the PNW routes rose 28% and, via the Gulf routes, rose 24% (tables 1 and 2). This large increase was due to the reopening of world economies and higher demand for iron ore (Grain Transportation Report, April 15, 2021). Year to year, ocean freight rates for shipping wheat via the PNW routes increased 29% and, via the Gulf routes, increased 20%. Quarter to quarter, trucking rates for transporting grain to a local elevator in both States increased 20%, due in part to rising trucking activity in both regions and significant increases in diesel prices. Year to year, trucking rates rose 28%.

Table 1: Quarterly rate comparisons for shipping Kansas and North Dakota wheat to Japan through the PNW

| | Kansas | | | | | North Dakota | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mode | 2020 1st qtr | 2020 4th qtr | 2021 1st qtr | Year-to-year change | Quarterly change | 2020 1st qtr | 2020 4th qtr | 2021 1st qtr | Year-to-year change | Quarterly change |
| | $/metric ton | | | % | % | $/metric ton | | | % | % |
| Truck | 10.70 | 11.38 | 13.66 | 27.66 | 20.04 | 10.70 | 11.38 | 13.66 | 27.66 | 20.04 |
| Rail[1] | 62.83 | 60.81 | 61.24 | -2.53 | 0.71 | 57.61 | 56.37 | 56.37 | -2.15 | 0.00 |
| Ocean vessel | 23.10 | 23.40 | 29.85 | 29.22 | 27.56 | 23.10 | 23.40 | 29.85 | 29.22 | 27.56 |
| Transportation costs | 96.63 | 95.59 | 104.75 | 8.40 | 9.58 | 91.41 | 91.15 | 99.88 | 9.27 | 9.58 |
| Farm value[2] | 160.81 | 193.39 | 215.20 | 33.82 | 11.28 | 173.19 | 186.66 | 205.27 | 18.52 | 9.97 |
| Total landed cost | 257.44 | 288.98 | 319.95 | 24.28 | 10.72 | 264.60 | 277.81 | 305.15 | 15.33 | 9.84 |
| Transport % of landed cost | 37.53 | 33.08 | 32.74 | | | 34.55 | 32.81 | 32.73 | | |

Table 2: Quarterly rate comparisons for shipping Kansas and North Dakota wheat to Japan through the U.S. Gulf

| | Kansas | | | | | North Dakota | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Mode | 2020 1st qtr | 2020 4th qtr | 2021 1st qtr | Year-to-year change | Quarterly change | 2020 1st qtr | 2020 4th qtr | 2021 1st qtr | Year-to-year change | Quarterly change |
| | $/metric ton | | | % | % | $/metric ton | | | % | % |
| Truck | 10.70 | 11.38 | 13.66 | 27.66 | 20.04 | 10.70 | 11.38 | 13.66 | 27.66 | 20.04 |
| Rail[1] | 43.31 | 42.07 | 42.07 | -2.86 | 0.00 | 60.78 | 59.23 | 59.54 | -2.04 | 0.52 |
| Ocean vessel | 43.38 | 42.11 | 52.19 | 20.31 | 23.94 | 43.38 | 42.11 | 52.19 | 20.31 | 23.94 |
| Transportation costs | 97.39 | 95.56 | 107.92 | 10.81 | 12.93 | 114.86 | 112.72 | 125.39 | 9.17 | 11.24 |
| Farm value[2] | 160.81 | 193.39 | 215.20 | 33.82 | 11.28 | 173.19 | 186.66 | 205.27 | 18.52 | 9.97 |
| Total landed cost | 258.20 | 288.95 | 323.12 | 25.14 | 11.83 | 288.05 | 299.38 | 330.66 | 14.79 | 10.45 |
| Transport % of landed cost | 37.72 | 33.07 | 33.40 | | | 39.88 | 37.65 | 37.92 | | |

[1] Rail tariff rates include fuel surcharges and revisions for heavy-axle railcars and shuttle trains. The rail tariff rate is a base price of rail freight rates, but during periods of high rail demand or car shortages, high auction and secondary market rates could exceed the base rail tariffs per car.

[2] USDA, National Agricultural Statistics Service is the source for wheat prices for North Dakota (mainly hard red spring) and Kansas (mainly hard red winter).

Note: PNW = Pacific Northwest; qtr = quarter

Source: USDA, Agricultural Marketing Service.

### Rail Tariff Rates

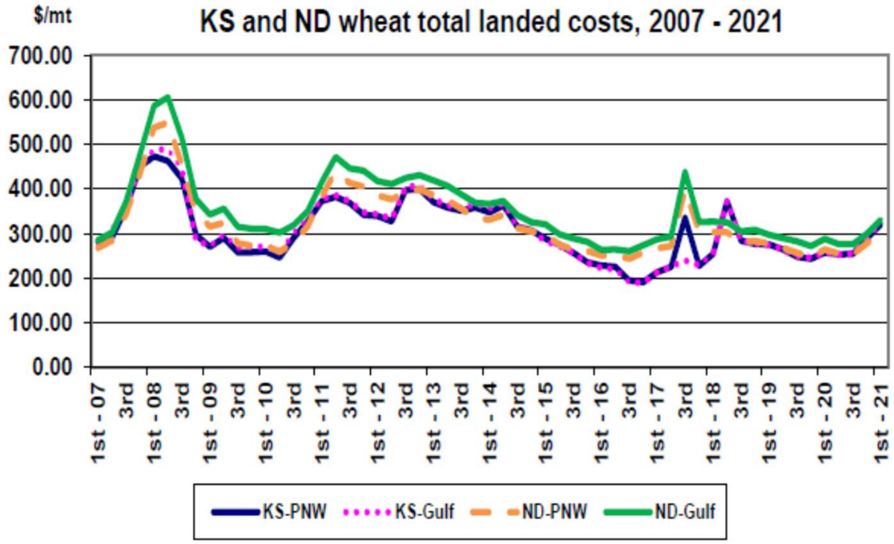
Quarter to quarter, rail tariff rates for shipping wheat to PNW were up 1% from Kansas, but unchanged from North Dakota (tables 1 and 2). Year to year, rail rates to PNW decreased 3% from Kansas and 2% from North Dakota. Quarter to quarter, rail rates to the Gulf were unchanged from Kansas, but up 1% from North Dakota. Year to year, rail rates for shipping wheat to the Gulf were down 3% from Kansas and down 2% from North Dakota.

### Total Landed Costs

Quarter to quarter, total landed costs for shipping wheat from Kansas to Japan rose 11% via the KS-PNW route and 12% via the KS-Gulf route, as Kansas farm values continued to rise (tables 1 and 2).

Year to year, Kansas-to-Japan landed costs increased 24% for the PNW routes and 25% for the Gulf routes, due mainly to higher ocean freight rates and farm values. Quarter to quarter, total landed costs for shipping wheat from North Dakota to Japan were up 10% for each route, ND-PNW and ND-Gulf, reflecting higher North Dakota farm values and ocean rates.

Year to year, North Dakota-to-Japan landed costs increased 15% for each route, responding to higher trucking and ocean rates, as well as higher farm values.




Source: USDA, Agricultural Marketing Service

First-quarter 2021 total landed costs for shipping wheat via the PNW and Gulf routes ranged from $305 per mt to $331 per mt. First-quarter Kansas transportation costs represented 33% of total landed costs (for each route—KS-PNW and KS-Gulf); unchanged from the previous quarter, but below the same period last year.

First-quarter North Dakota wheat transportation costs represented 33% of total landed costs for the ND-PNW route and 38% for the ND-Gulf route, and like the Kansas shares, were unchanged from the previous quarter but below last year.

**Export Forecasts**

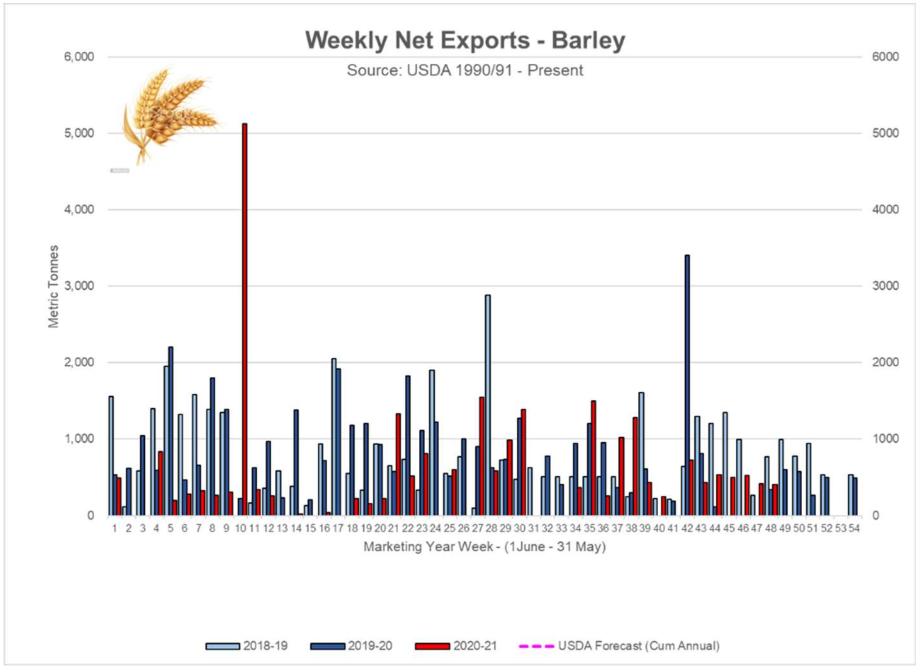
According to USDA's Federal Grain Inspection Service, first-quarter 2021 inspections of wheat for export to Japan totaled .628 million metric tons (mmt)—unchanged from year to year and up 10% from quarter to quarter. First-quarter 2021 wheat exports to Japan represented 11% of total U.S. wheat exports (GTR, 8th of April 2021).

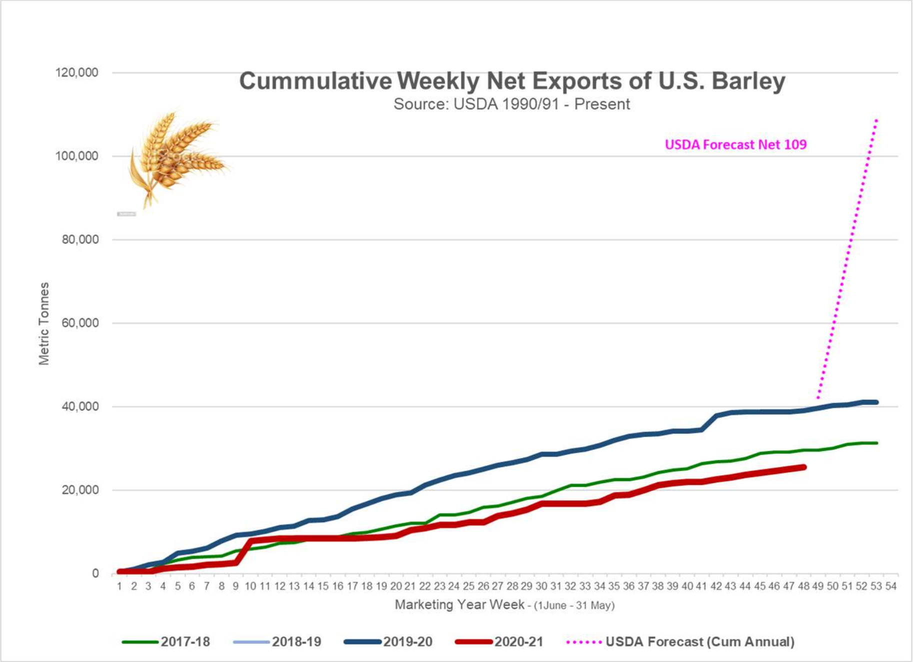
Current year-to-date outstanding (unshipped) export balances of wheat and cumulative (shipped) exports are unchanged from the same time in 2020 (GTR table 12). According to USDA's April World Agricultural Supply and Demand Estimates (WASDE), U.S. wheat exports for marketing year 2020/21 are projected to reach 26.8 mmts, unchanged from the March forecast and up 2% from 2019/20.
Johnny.Hill@.usda.gov

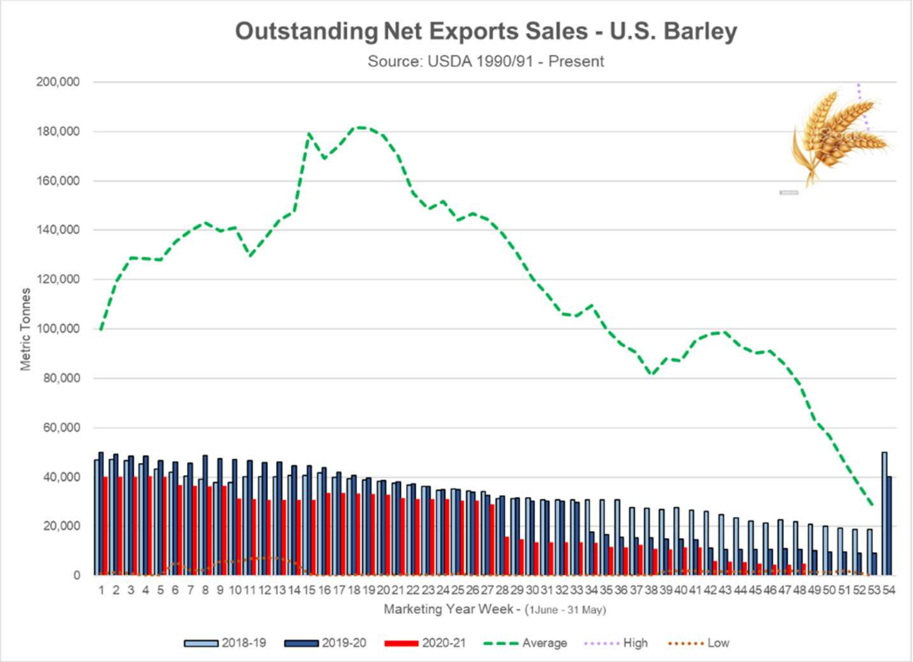
- **<u>Barley Export Shipments & Sales</u>**

Net sales of 1,000 mts for 2020/2021 were up noticeably from the previous week and from the prior 4-week average. Increases were reported for South Korea (600 mts) and Canada (400 mts).

Exports of 400 mts were down 3% from the previous week and 17% from the prior 4-week average. The destinations were to South Korea (200 mts), Taiwan (100 mts), and Canada (100 mts).



## Corn Export Shipments & Sales

Net sales of 137,400 mts for 2020/2021 were down 74% from the previous week and 72% from the prior 4-week average. Increases primarily for Japan (206,800 mts, including 109,600 mts switched from unknown destinations and decreases of 1,800 mts), Mexico (141,600 mts, including decreases of 9,400 mts), South Korea (121,700 mts, including 65,000 mts switched from unknown destinations and decreases of 12,800 mts), Colombia (118,600 mts, including 100,000 mts switched from unknown destinations and decreases of 37,800 mts), and China (83,100 mts, including 64,000 mts switched from unknown destinations), were offset by reductions primarily for unknown destinations (559,100 mts). For 2021/22, net sales of 106,200 mts were reported for unknown destinations (50,800 mts), Japan (32,500 mts), and Mexico (22,900 mts).

Exports of 2,195,100 mts were up 15% from the previous week and 19% from the prior 4-week average. The destinations were primarily to China (698,100 mts), Japan (448,600 mts), Mexico (293,100 mts), South Korea (255,900 mts), and Colombia (136,600 mts).

Optional Origin Sales: For 2020/2021, options were exercised to export 8,900 mts to China from other than the United States. The current outstanding balance of 268,500 mts is for unknown destinations (189,500 mts) and South Korea (79,000 mts).

**Top 5 importers[1] of U.S. corn**

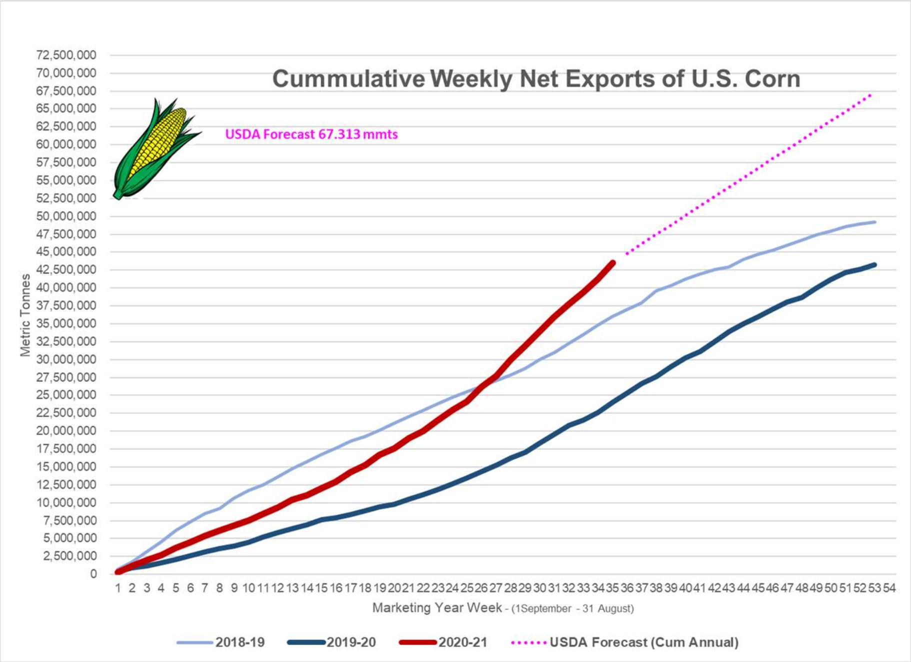
| For the week ending 4/22/2021 | Total commitments[2] 2020/21 current MY | 2019/20 last MY | % change current MY from last MY | Exports[3] 3-yr. avg. 2017-19 |
|---|---|---|---|---|
| | - 1,000 mt - | | | |
| Mexico | 13,578 | 12,802 | 6 | 14,869 |
| Japan | 9,530 | 8,060 | 18 | 11,221 |
| Columbia | 3,505 | 3,497 | 0 | 4,830 |
| Korea | 3,031 | 1,899 | 60 | 4,011 |
| China | 23,161 | 881 | 2,529 | 909 |
| **Top 5 importers** | **52,806** | **27,139** | **95** | **35,840** |
| **Total U.S. corn export sales** | **67,720** | **36,679** | **85** | **49,983** |
| % of projected exports | 99% | 81% | | |
| Change from prior week[2] | **521** | **1,357** | | |
| **Top 5 importers' share of U.S. corn export sales** | 78% | 74% | | 72% |
| **USDA forecast April 2021** | **68,066** | **45,242** | **50** | |
| **Corn use for ethanol USDA forecast, April 2021** | **126,365** | **123,368** | **2** | |

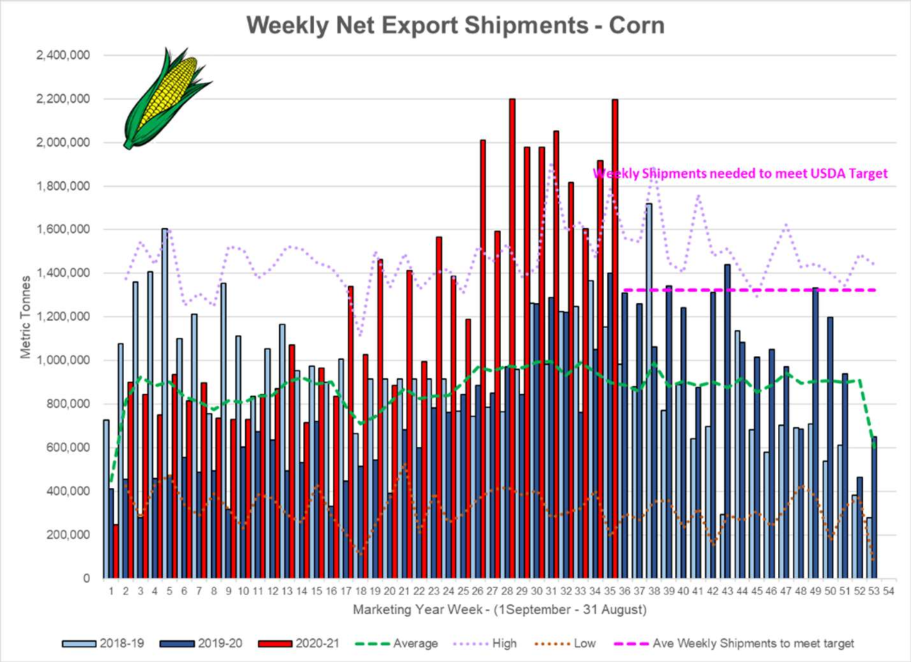
[1]Based on USDA, Foreign Agricultural Service (FAS) marketing year ranking reports for 2019/20; marketing year (MY) = Sep 1 - Aug 31.
[2]Cumulative exports (shipped) + outstanding sales (unshipped), FAS weekly export sales report, or export sales query. Total commitments change (net sales) from prior week could include revisions from previous week's outstanding sales or accumulated sales.
[3]FAS marketing year ranking reports (carryover plus accumulated export); yr. = year; avg. = average.
Note: A red number in parentheses indicates a negative number; mt = metric ton.
Source: USDA, Foreign Agricultural Service.

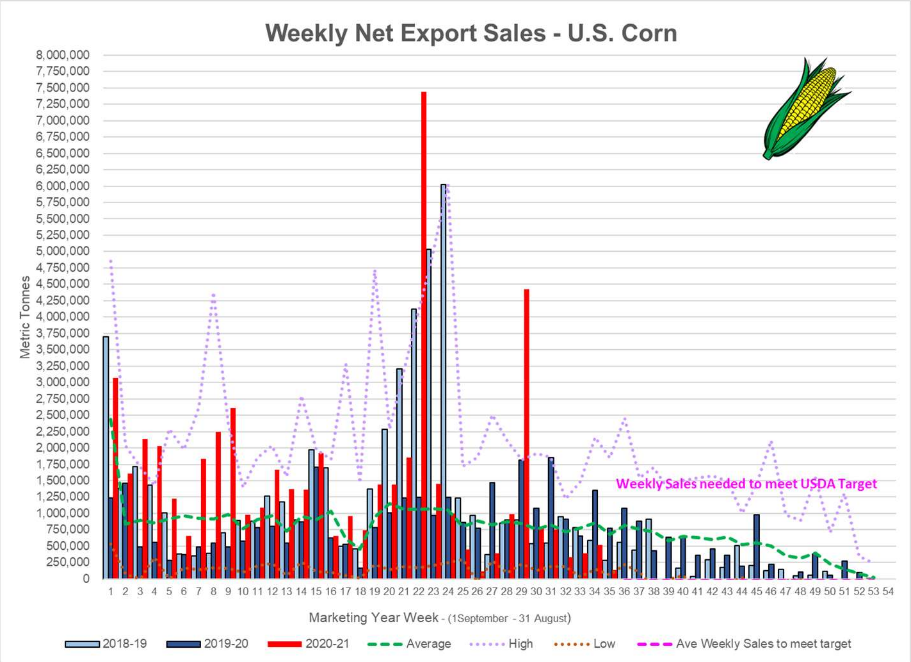
## Grain Sorghum Export Shipments & Sales

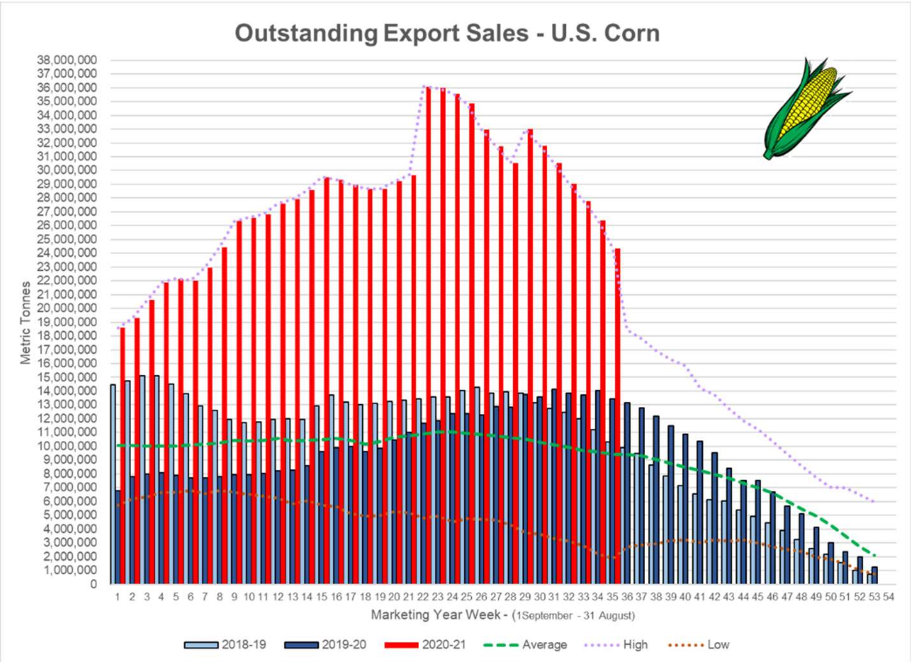
Total net sales of 200 mts for 2020/2021 were down noticeably from the previous week and from the prior 4-week average. Increases were for China, including decreases of 6,000 mts. For 2021/22, total net sales of 55,000 mts were for China.

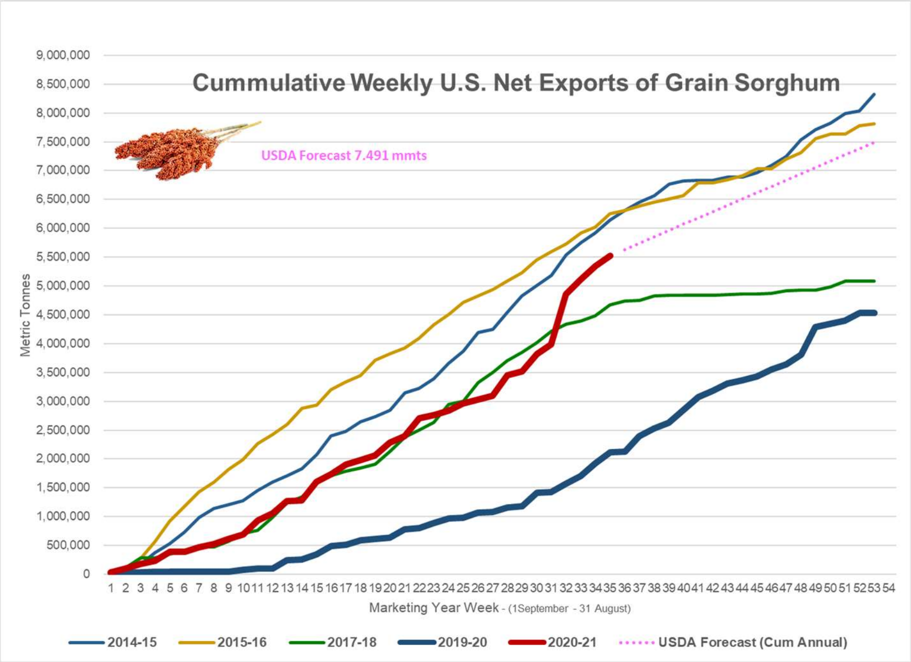
Exports of 175,900 mts were down 27% from the previous week and 54% from the prior 4-week average. The destination was to China.

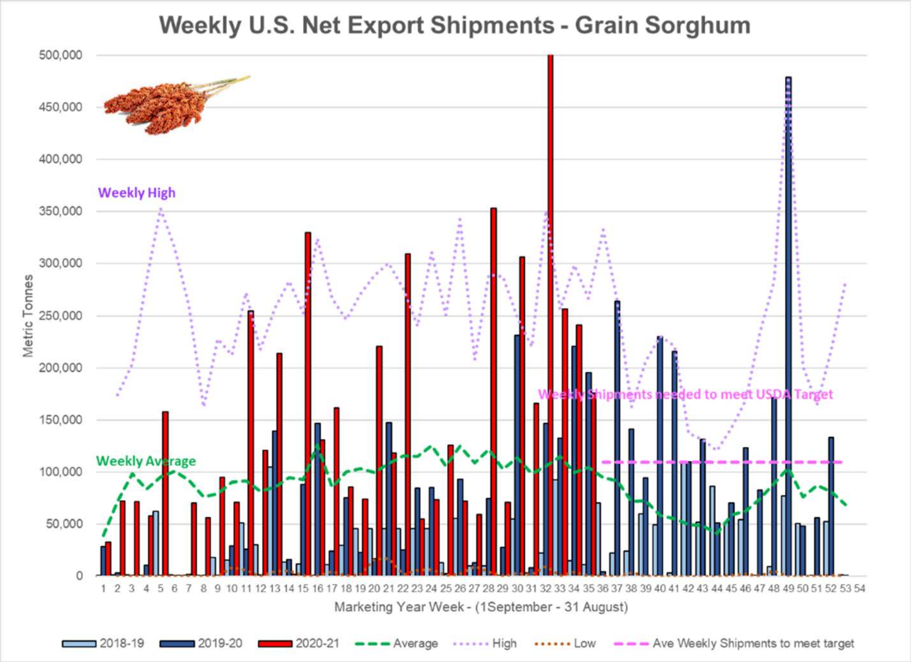

Cummulative Weekly Net Exports of U.S. Corn
USDA Forecast 67.313 mmts
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
USDA Forecast (Cum Annual)

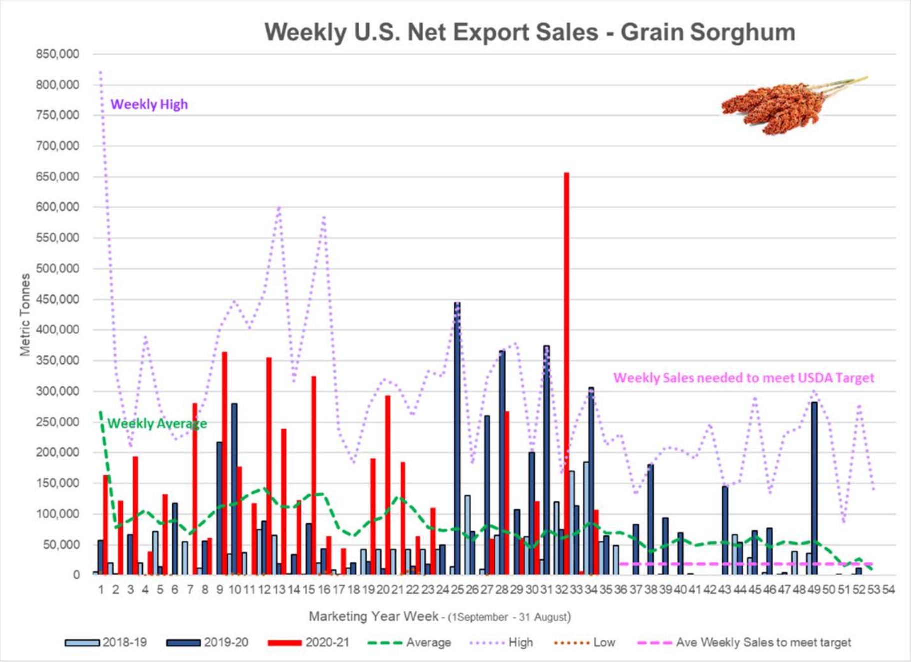

Weekly Net Export Shipments - Corn
Weekly Shipments needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low
Ave Weekly Shipments to meet target

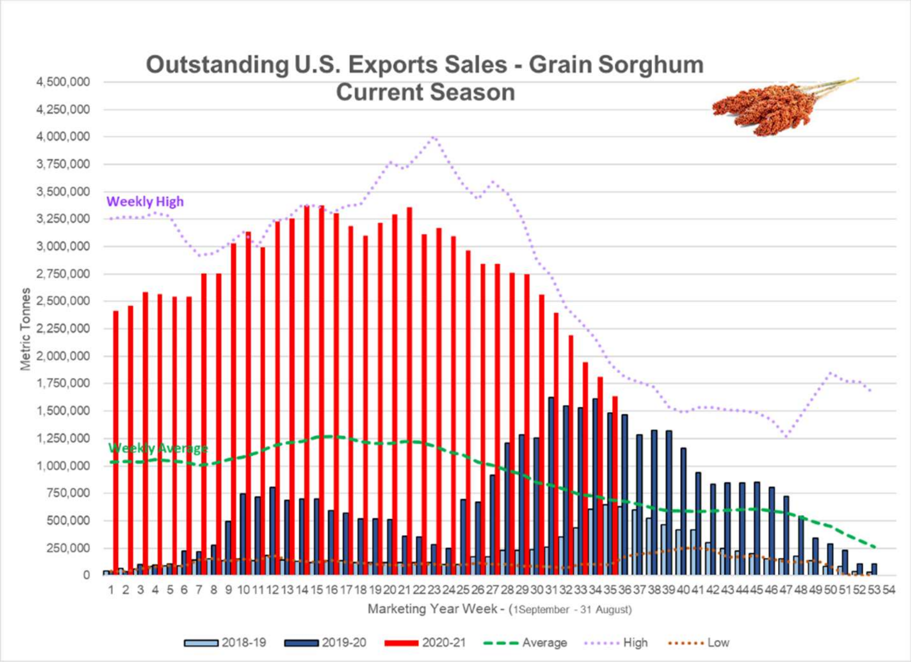

Weekly Net Export Sales - U.S. Corn
Weekly Sales needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low
Ave Weekly Sales to meet target


Outstanding Export Sales - U.S. Corn
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low


Cummulative Weekly U.S. Net Exports of Grain Sorghum
USDA Forecast 7.491 mmts
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2014-15
2015-16
2017-18
2019-20
2020-21
USDA Forecast (Cum Annual)


Weekly U.S. Net Export Shipments - Grain Sorghum
Weekly High
Weekly Average
Weekly Shipments needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low
Ave Weekly Shipments to meet target


Weekly U.S. Net Export Sales - Grain Sorghum
Weekly High
Weekly Average
Weekly Sales needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low
Ave Weekly Sales to meet target


Outstanding U.S. Exports Sales - Grain Sorghum
Current Season
Weekly High
Weekly Average
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low

## ➢ Soybeans, Oil & Meal Export Shipments & Sales

**Soybeans**: Net sales of 165,300 mts for 2020/2021 were down 44% from the previous week, but up 86% from the prior 4-week average. Increases primarily for unknown destinations (135,500 mts), Japan (55,600 mts), Malaysia (17,600 mts, including 1,000 mts switched from Indonesia), Indonesia (11,500 mts, including decreases of 500 mts), and Colombia (1,700 mts), were offset by reductions primarily for Mexico (53,400 mts). For 2021/22, net sales of 192,900 mts were for unknown destinations (192,000 mts) and Japan (900 mts).

Exports of 264,100 mts were down 22% from the previous week and 20% from the prior 4-week average. The destinations were primarily to Mexico (95,900 mts), Malaysia (32,200 mts), Indonesia (29,500 mts), China (27,300 mts), and Costa Rica (16,700 mts).

Exports for Own Account: For 2020/2021, the current exports for own account outstanding balance is 5,800 mts, all Canada..

**Soybean Oil:** Net sales of 6,100 mts for 2020/2021 were up 67% from the previous week and 3% from the prior 4-week average. Increases primarily for the Dominican Republic (8,000 mts), Mexico (700 mts), and Canada (300 mts), were offset by reductions for Colombia (3,000 mts).

Exports of 21,200 mts were up 71% from the previous week and up noticeably from the prior 4-week average. The destinations were primarily to South Korea (20,000 mts), Canada (700 mts), and Mexico (400 mts).

### Top 5 importers[1] of U.S. soybeans

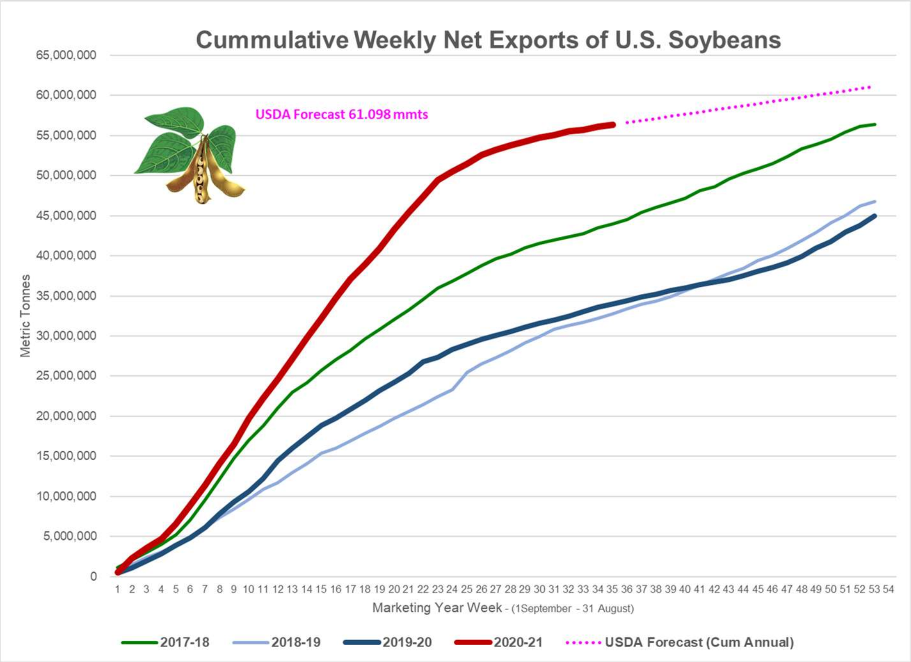
| For the week ending 4/22/2021 | Total commitments[2] 2020/21 current MY | 2019/20 last MY | % change current MY from last MY | Exports[3] 3-yr. avg. 2017-19 |
|---|---|---|---|---|
| | 1,000 mt - | | | - 1,000 mt - |
| China | 35,711 | 13,252 | 169 | 19,106 |
| Mexico | 4,679 | 4,146 | 13 | 4,591 |
| Egypt | 2,670 | 2,699 | (1) | 2,980 |
| Indonesia | 1,943 | 1,681 | 16 | 2,360 |
| Japan | 1,993 | 2,133 | (7) | 2,288 |
| **Top 5 importers** | **46,996** | **23,911** | **97** | **31,324** |
| **Total U.S. soybean export sales** | **61,119** | **38,901** | **57** | **49,352** |
| % of projected exports | 98% | 85% | | |
| change from prior week[2] | 293 | 1,078 | | |
| Top 5 importers' share of U.S. soybean export sales | 77% | 61% | | 63% |
| **USDA forecast, April 2021** | **62,125** | **45,831** | **136** | |

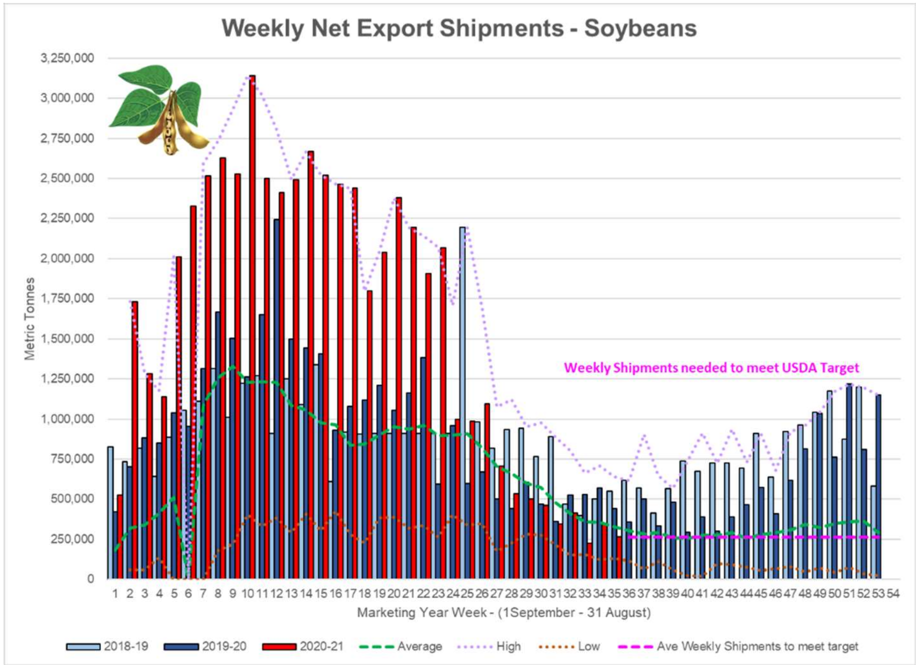
[1]Based on USDA, Foreign Agricultural Service (FAS) marketing year ranking reports for 2019/20; marketing year (MY) = Sep 1 - Aug 31.
[2]Cumulative exports (shipped) + outstanding sales (unshipped), FAS weekly export sales report, or export sales query. The total commitments change (net sales) from prior week could include revisions from previous week's outstanding sales and/or accumulated sales.
[3]FAS marketing year ranking reports (carryover plus accumulated export); yr. = year; avg. = average.
Note: A red number in parentheses indicates a negative number; mt = metric ton.
Source: USDA, Foreign Agricultural Service.

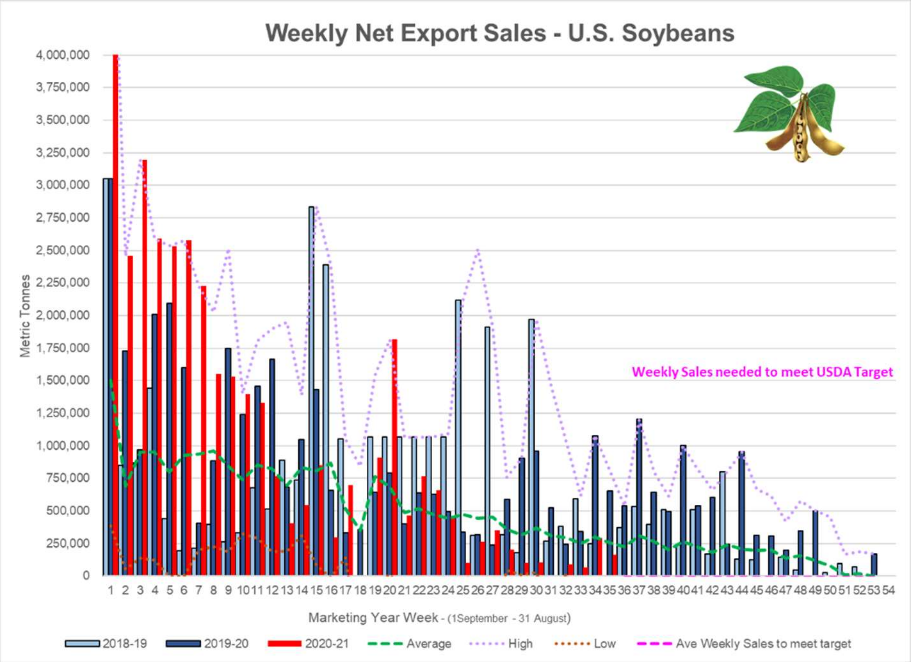
**Soybean Cake and Meal:** Net sales of 202,000 mts for 2020/2021 were up 24% from the previous week and 66% from the prior 4-week average. Increases primarily for the Philippines (83,000 mts), Mexico (44,300 mts, including decreases of 2,300 mts), the Dominican Republic (18,500 mts), Canada (16,600 mts, including decreases of 400 mts), and Morocco (12,500 mts, including decreases of 2,200 mts), were offset by reductions primarily for Jamaica (600 mts) and El Salvador (300 mts). For 2021/22, net sales of 64,700 mts were for unknown destinations (50,000 mts) and Canada (14,700 mts).

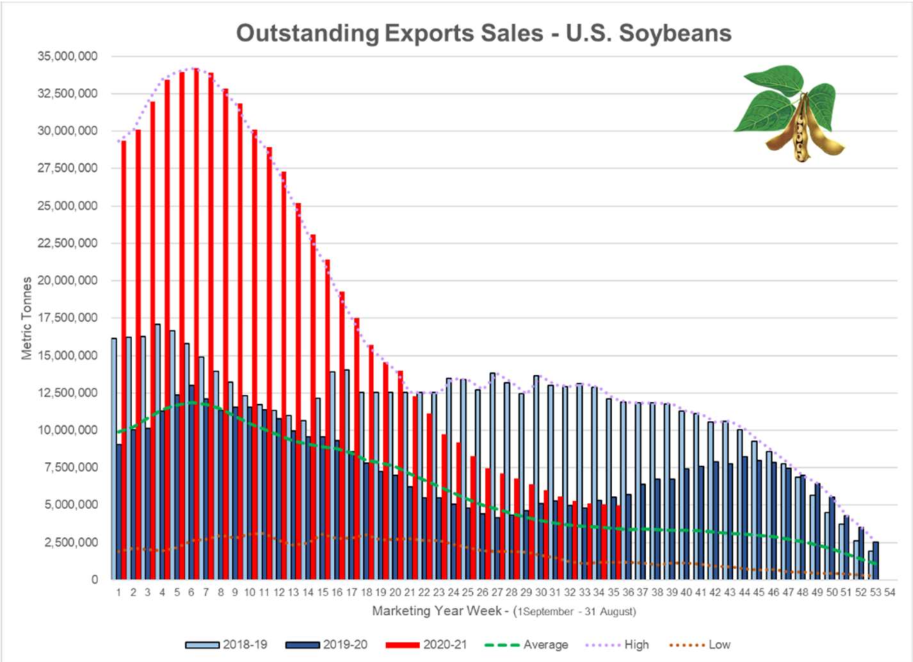
Exports of 201,400 mts were up 7% from the previous week, but down 5% from the prior 4-week average. The destinations were primarily to Mexico (40,900 mts), Ecuador (31,900 mts), Honduras (24,700 mts), Guatemala (24,100 mts), and Canada (23,400 mts).

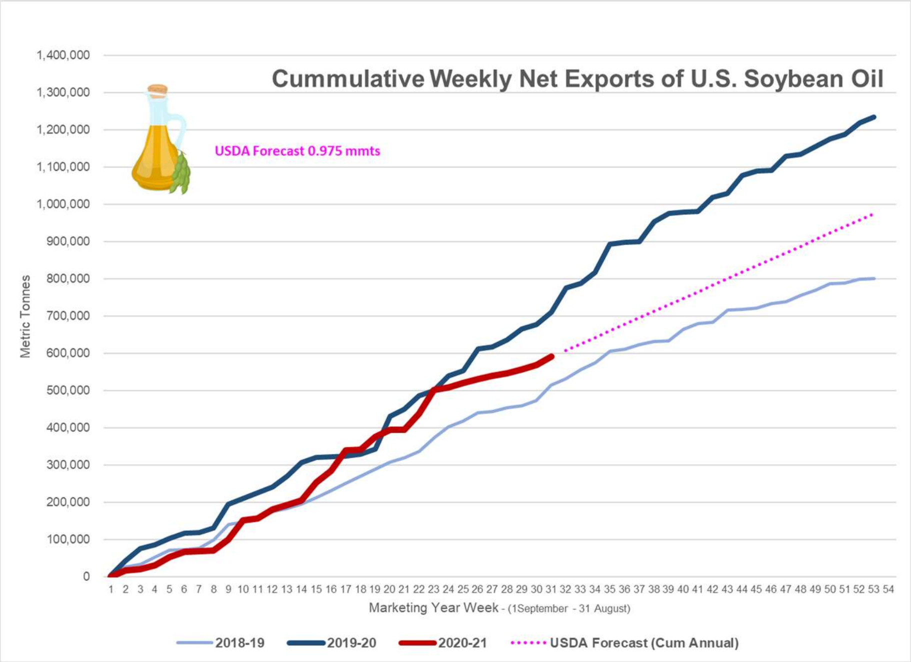
Late Reporting: For 2020/2021, net sales and exports totaling 4,500 mts of soybean cake and meal were reported late to Venezuela..


Cummulative Weekly Net Exports of U.S. Soybeans
USDA Forecast 61.098 mmts
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2017-18
2018-19
2019-20
2020-21
USDA Forecast (Cum Annual)

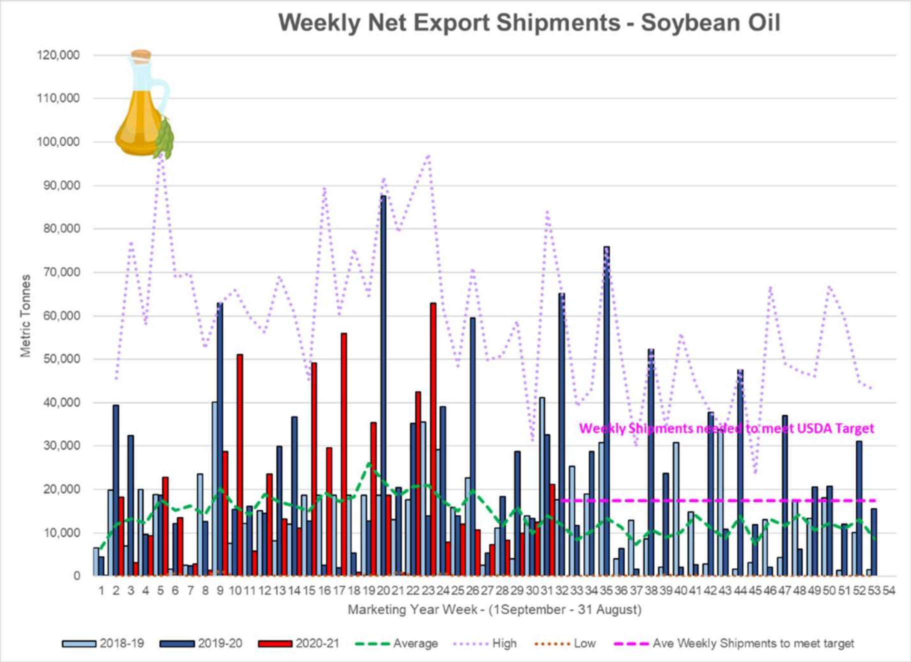

Weekly Net Export Shipments - Soybeans
Weekly Shipments needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low
Ave Weekly Shipments to meet target


Weekly Net Export Sales - U.S. Soybeans
Weekly Sales needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low
Ave Weekly Sales to meet target

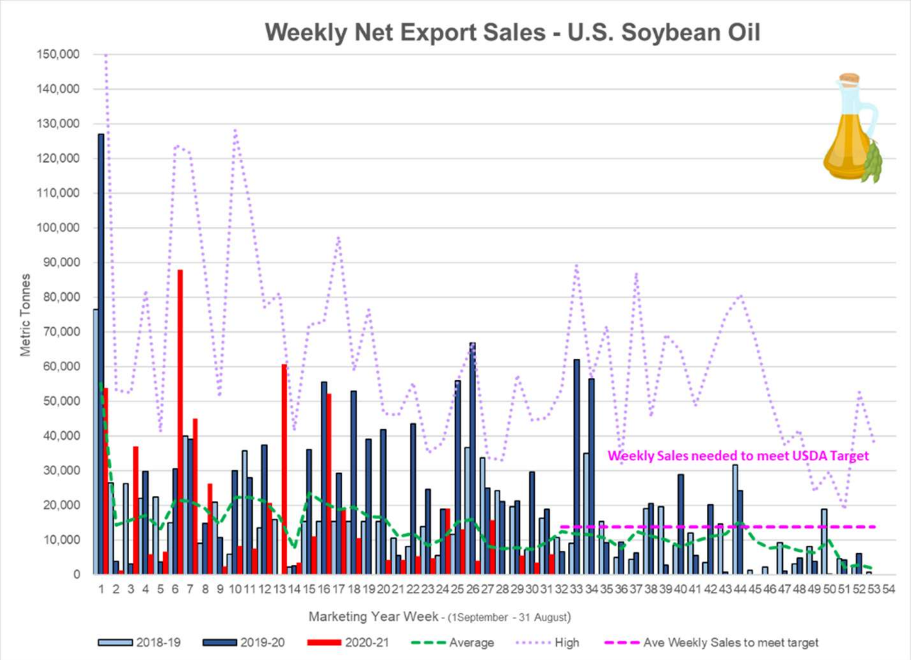

Outstanding Exports Sales - U.S. Soybeans
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low



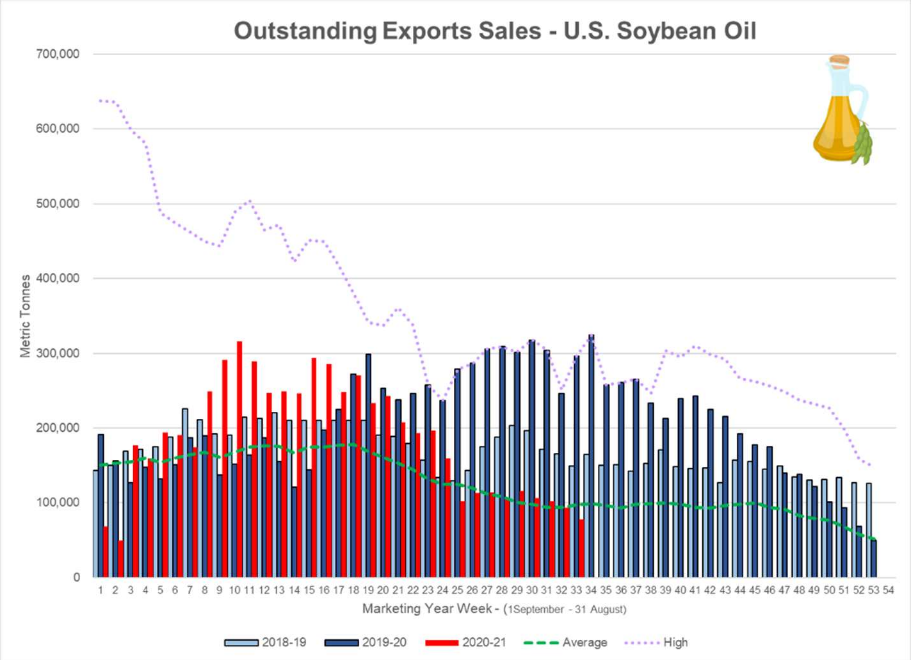
Cummulative Weekly Net Exports of U.S. Soybean Oil
USDA Forecast 0.975 mmts
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
USDA Forecast (Cum Annual)

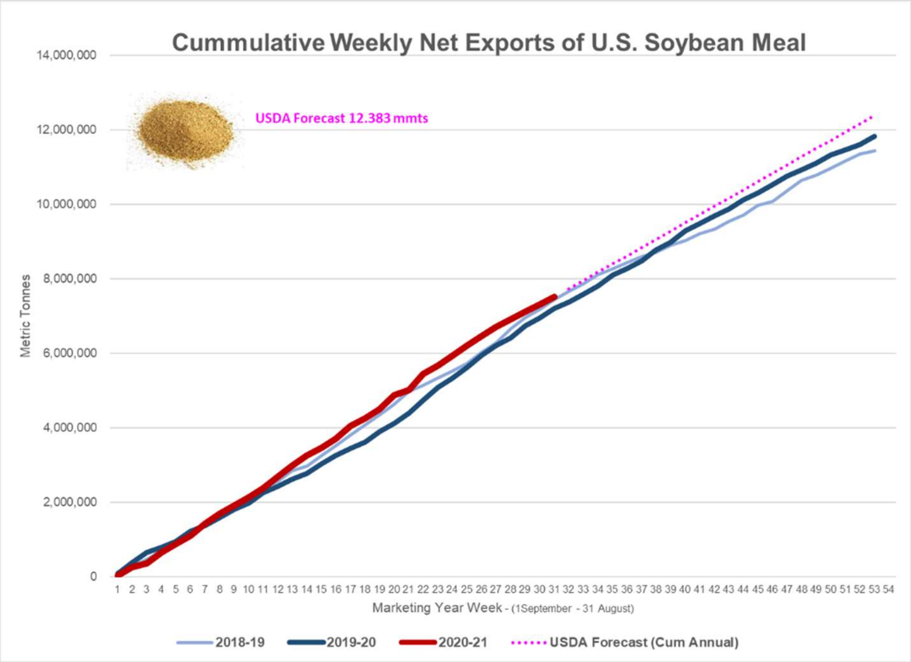
Weekly Net Export Shipments - Soybean Oil
Weekly Shipments needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low
Ave Weekly Shipments to meet target

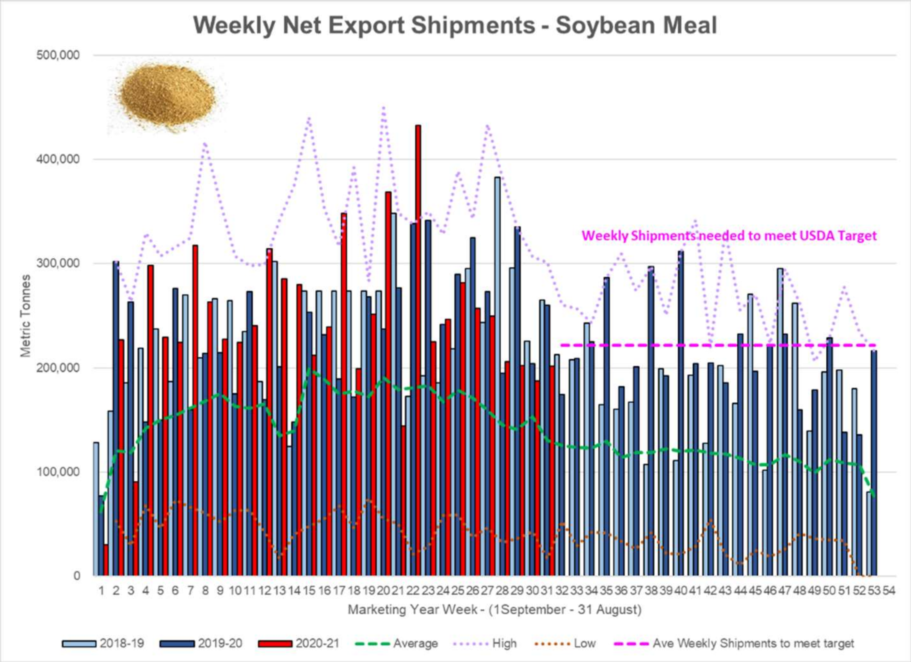



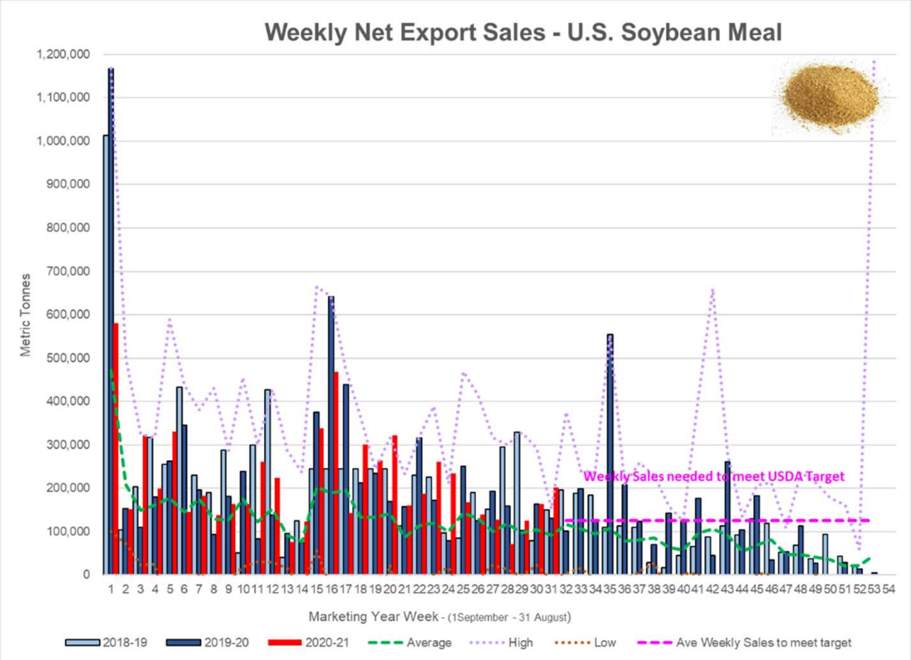
Weekly Net Export Sales - U.S. Soybean Oil
Weekly Sales needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Ave Weekly Sales to meet target

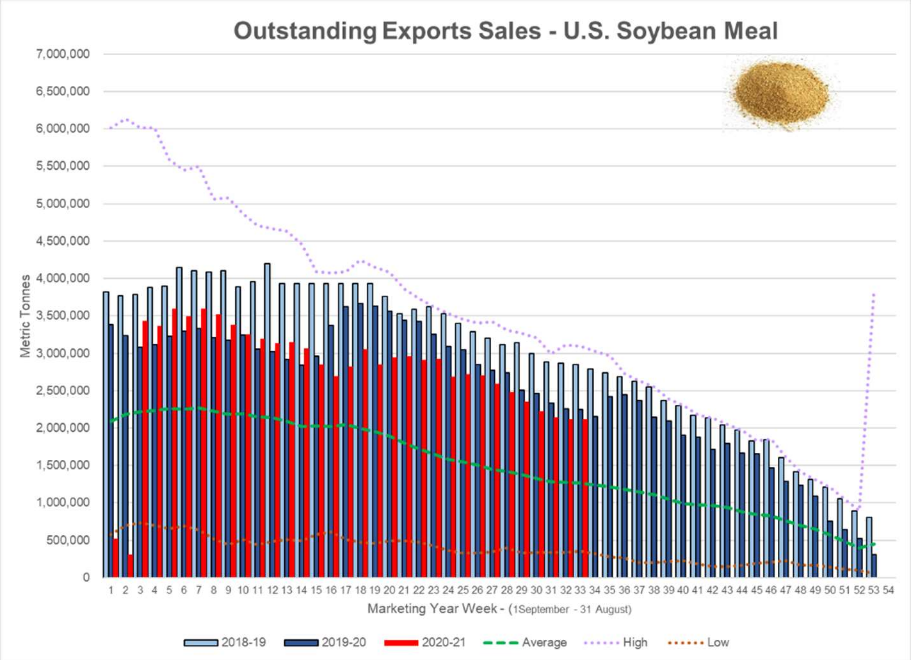



Outstanding Exports Sales - U.S. Soybean Oil
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High


Cummulative Weekly Net Exports of U.S. Soybean Meal
USDA Forecast 12.383 mmts
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
USDA Forecast (Cum Annual)

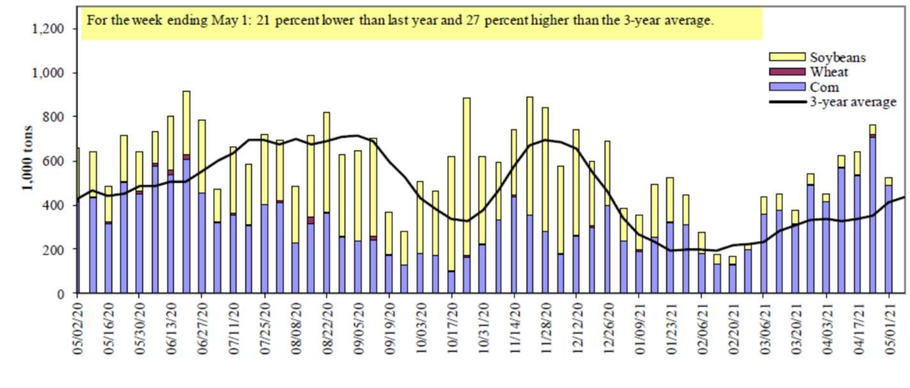

Weekly Net Export Shipments - Soybean Meal
Weekly Shipments needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low
Ave Weekly Shipments to meet target


Weekly Net Export Sales - U.S. Soybean Meal
Weekly Sales needed to meet USDA Target
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low
Ave Weekly Sales to meet target


Outstanding Exports Sales - U.S. Soybean Meal
Metric Tonnes
Marketing Year Week - (1September - 31 August)
2018-19
2019-20
2020-21
Average
High
Low

## Barge Movements

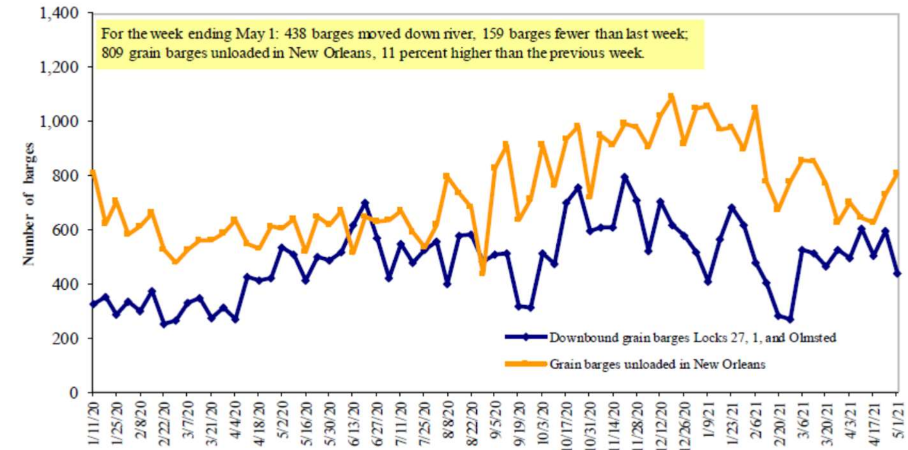
**Barge movements on the Mississippi River[1] (Locks 27 - Granite City, IL)**




[1] The 3-year average is a 4-week moving average.

Source: U.S. Army Corps of Engineers.

**Grain barges for export in New Orleans region**




Note: Olmsted = Olmsted Locks and Dam

Source: U.S. Army Corps of Engineers and USDA, Agricultural Marketing Service.

### Barge grain movements (1,000 tons)

| For the week ending 05/01/2021 | Corn | Wheat | Soybeans | Other | Total |
|---|---|---|---|---|---|
| **Mississippi River** | | | | | |
| Rock Island, IL (L15) | 274 | 5 | 38 | 0 | 316 |
| Winfield, MO (L25) | 364 | 2 | 45 | 0 | 411 |
| Alton, IL (L26) | 549 | 2 | 41 | 0 | 591 |
| Granite City, IL (L27) | 486 | 0 | 35 | 0 | 521 |
| **Illinois River (La Grange)** | 184 | 0 | 16 | 0 | 200 |
| **Ohio River (Olmsted)** | 115 | 0 | 9 | 0 | 124 |
| **Arkansas River (L1)** | 0 | 21 | 6 | 0 | 27 |
| Weekly total - 2021 | 601 | 21 | 50 | 0 | 672 |
| Weekly total - 2020 | 383 | 34 | 241 | 5 | 662 |
| 2021 YTD[1] | 9,605 | 371 | 3,341 | 126 | 13,444 |
| 2020 YTD[1] | 4,786 | 523 | 3,577 | 19 | 8,905 |
| 2021 as % of 2020 YTD | 201 | 71 | 93 | 668 | 151 |
| Last 4 weeks as % of 2020[2] | 163 | 105 | 43 | 109 | 118 |
| Total 2020 | 18,942 | 1,765 | 19,205 | 237 | 40,149 |

[1] Weekly total, YTD (year-to-date), and calendar year total include MI/27, OH/Olmsted, and AR/1; Other refers to oats, barley, sorghum, and rye.

Total may not add exactly due to rounding.

[2] As a percent of same period in 2020.

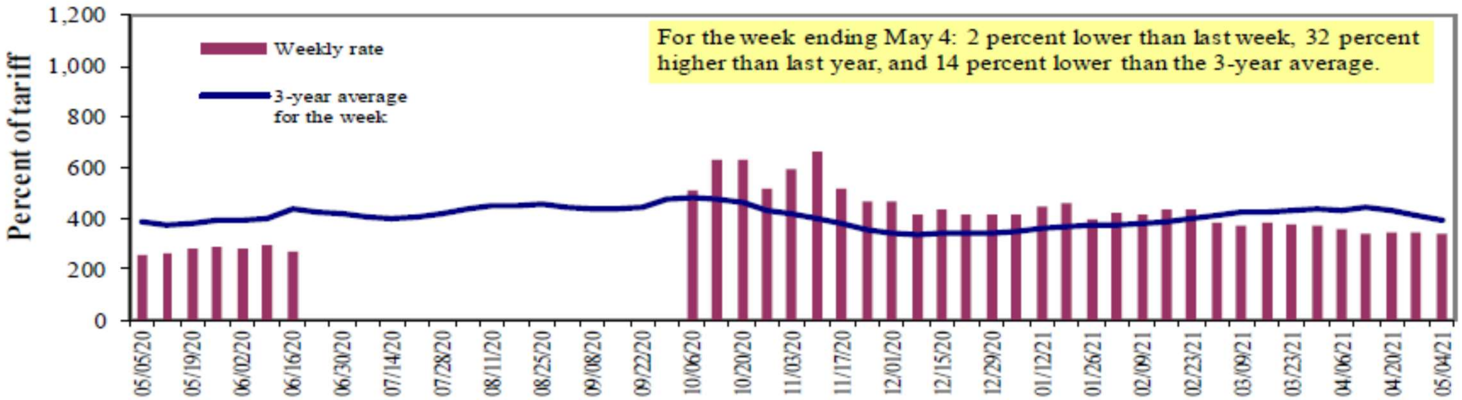
Note: L (as in "L15") refers to a lock, locks, or locks and dam facility.

Source: U.S. Army Corps of Engineers.

For the week ending the 1st of May, barge grain movements totaled 671,536 tons. This was 30% less than the previous week and 1% more than the same period last year.

For the week ending the 1st of May, 438 grain barges moved down river; 159 barges fewer than the previous week. There were 809 grain barges unloaded in New Orleans, 11% more than the previous week.

## Illinois River barge freight rate[1,2,3]




[1]Rate = percent of 1976 tariff benchmark index (1976 = 100 percent); [2]4-week moving average of the 3-year average.
[3]No rates data from 06/23/20 to 9/29/20 due to the lock closure for rehabilitation and replacement of lock machinery.
Source: USDA, Agricultural Marketing Service.

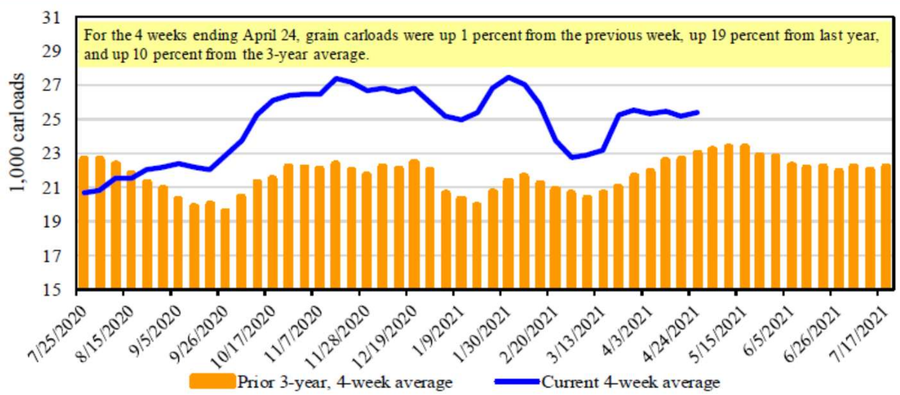
### Weekly barge freight rates: Southbound only

| | | Twin Cities | Mid-Mississippi | Lower Illinois River | St. Louis | Cincinnati | Lower Ohio | Cairo-Memphis |
|---|---|---|---|---|---|---|---|---|
| **Rate[1]** | 5/4/2021 | 431 | 357 | 340 | 243 | 263 | 263 | 220 |
| | 4/27/2021 | 433 | 350 | 346 | 238 | 271 | 271 | 222 |
| **$/ton** | 5/4/2021 | 26.68 | 18.99 | 15.78 | 9.70 | 12.33 | 10.63 | 6.91 |
| | 4/27/2021 | 26.80 | 18.62 | 16.05 | 9.50 | 12.71 | 10.95 | 6.97 |
| **Current week % change from the same week:** | | | | | | | | |
| | Last year | 34 | 34 | 32 | 38 | 44 | 44 | 32 |
| | 3-year avg. [2] | -12 | -14 | -14 | -17 | -17 | -17 | -20 |
| **Rate[1]** | June | 415 | 341 | 331 | 233 | 258 | 258 | 214 |
| | August | 416 | 343 | 335 | 250 | 286 | 286 | 265 |

[1]Rate = percent of 1976 tariff benchmark index (1976 = 100 percent); [2]4-week moving average; ton = 2,000 pounds; "-" not available due to closure.
Source: USDA, Agricultural Marketing Service.

## Rail Movements

Total weekly U.S. Class I railroad grain carloads

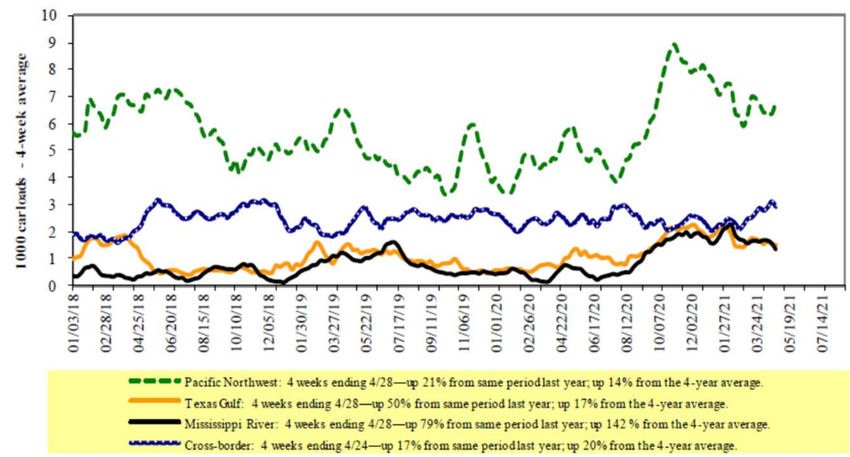



Source: Association of American Railroads.

U.S. Class I railroads originated 25,467 grain carloads during the week ending the 24th of April. This was a 3% decrease from the previous week, 18% more than last year, and 5% more than the 3-year average.

Average May shuttle secondary railcar bids/offers (per car) were $42 below tariff for the week ending the 29th of April. This was $80 less than last week and $107 more than this week last year. There were no non-shuttle bids/offers this week.

Rail deliveries to port




Source: USDA, Agricultural Marketing Service.

Rail deliveries to port (carloads)[1]

| For the week ending | Mississippi Gulf | Texas Gulf | Pacific Northwest | Atlantic & East Gulf | Total | Week ending | Cross-border Mexico[3] |
|---|---|---|---|---|---|---|---|
| 4/28/2021[p] | 750 | 1,667 | 7,795 | 259 | 10,471 | 4/24/2021 | 2,767 |
| 4/21/2021[r] | 1,152 | 870 | 6,594 | 216 | 8,832 | 4/17/2021 | 3,173 |
| 2021 YTD[r] | 28,799 | 29,069 | 115,228 | 9,381 | 182,477 | 2021 YTD | 43,698 |
| 2020 YTD[r] | 6,776 | 11,375 | 75,459 | 3,469 | 97,079 | 2020 YTD | 40,211 |
| 2021 YTD as % of 2020 YTD | 425 | 256 | 153 | 270 | 188 | % change YTD | 109 |
| Last 4 weeks as % of 2020[2] | 179 | 150 | 121 | 131 | 131 | Last 4wks. % 2020 | 117 |
| Last 4 weeks as % of 4-year avg.[2] | 242 | 117 | 114 | 69 | 121 | Last 4wks. % 4 yr. | 120 |
| Total 2020 | 45,294 | 64,116 | 299,882 | 24,458 | 433,750 | Total 2020 | 126,407 |
| Total 2019 | 40,974 | 51,167 | 251,181 | 16,192 | 359,514 | Total 2019 | 127,622 |

[1] Data is incomplete as it is voluntarily provided.

[2] Compared with same 4-weeks in 2020 and prior 4-year average.

[3] Cross-border weekly data is approximately 15 percent below the Association of American Railroads' reported weekly carloads received by Mexican railroads. to reflect switching between Kansas City Southern de Mexico (KCSM) and Grupo Mexico.

**YTD = year-to-date; p = preliminary data; r = revised data; n/a = not available; wks. = weeks; avg. = average.**

Source: USDA, Agricultural Marketing Service.

## Railroads and Agricultural Shippers Collaborate to Improve Food Safety in Covered Hopper Cars

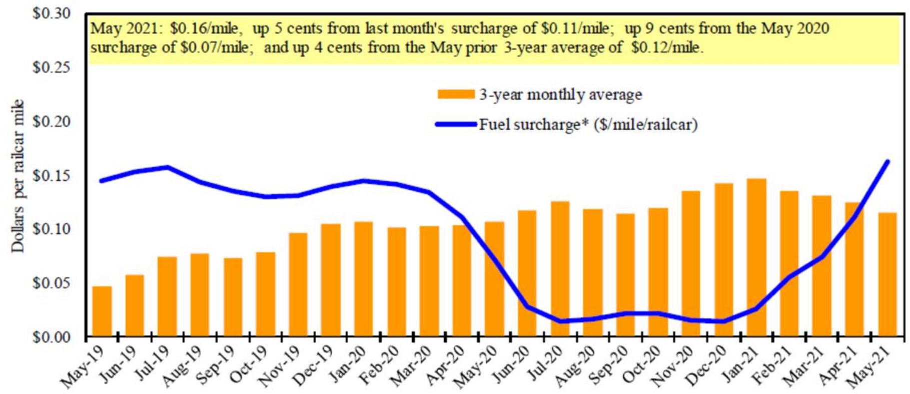
The Association of American Railroads (AAR), a coalition of agricultural shippers, and Railinc (a rail technology developer) are collaborating to improve tracking of recent commodities carried in covered hopper rail cars.

Via an online portal with a secure and searchable interface, agricultural shippers will soon be able to identify the contents of the last three loads hauled in a particular rail car. Expected to launch later this year, the portal will provide shippers with better information to help prevent potential cross-contact with food allergens.

The portal will also facilitate compliance with the U.S. Food and Drug Administration's food sanitary transportation rules under the Food Safety Modernization Act.

## Diesel Fuel Prices

**Railroad fuel surcharges, North American weighted average[1]**




[1] Weighted by each Class I railroad's proportion of grain traffic for the prior year.
* Beginning January 2009, the Canadian Pacific fuel surcharge is computed by a monthly average of the bi-weekly fuel surcharge.
**CSX strike price changed from $2.00/gal. to $3.75/gal. starting January 1, 2015.
Sources: BNSF Railway, Canadian National Railway, CSX Transportation, Canadian Pacific Railway, Union Pacific Railroad, Kansas City Southern Railway, Norfolk Southern Corporation.

For the week ending May 3, the U.S. average diesel fuel price increased 1.8 cents from the previous week to $3.142 per gallon, 74.3 cents above the same week last year.

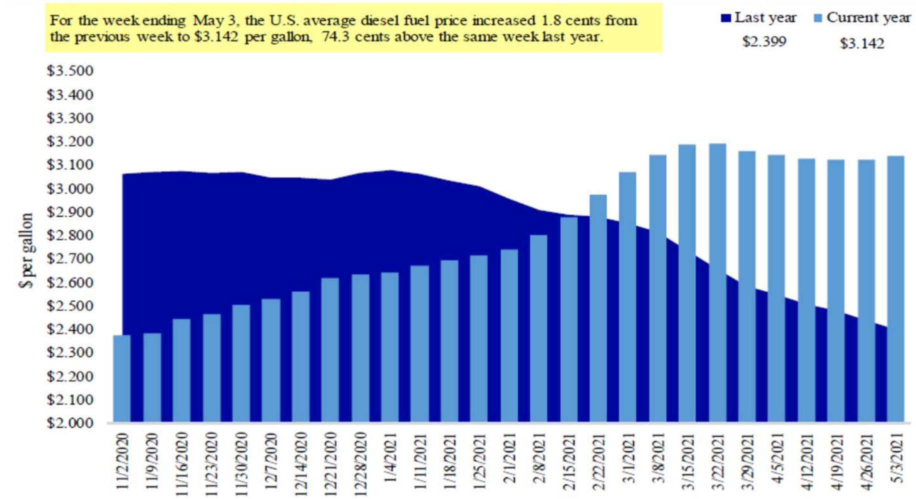
**Retail on-highway diesel prices, week ending 5/3/2021 (U.S. $/gallon)**

| Region | Location | Price | Change from Week ago | Change from Year ago |
|---|---|---|---|---|
| I | East Coast | 3.113 | 0.020 | 0.603 |
| | New England | 3.084 | 0.004 | 0.432 |
| | Central Atlantic | 3.285 | 0.017 | 0.597 |
| | Lower Atlantic | 3.004 | 0.024 | 0.644 |
| II | Midwest | 3.085 | 0.027 | 0.837 |
| III | Gulf Coast | 2.924 | 0.007 | 0.755 |
| IV | Rocky Mountain | 3.250 | 0.022 | 0.880 |
| V | West Coast | 3.664 | 0.013 | 0.765 |
| | West Coast less California | 3.282 | 0.032 | 0.737 |
| | California | 3.983 | -0.003 | 0.792 |
| Total | United States | 3.142 | 0.018 | 0.743 |

[1]Diesel fuel prices include all taxes. Prices represent an average of all types of diesel fuel.

Source: U.S. Department of Energy, Energy Information Administration.

**Weekly diesel fuel prices, U.S. average**




Source: U.S. Department of Energy, Energy Information Administration, Retail On-Highway Diesel Prices.

## Illinois DOT Issues $7 Million for Improving Roads

The Illinois Department of Transportation (IDOT) awarded $7 million in grants for 21 projects through IDOT's Truck Access Route Program.

The program helps counties, municipalities, and towns upgrade roads to make them designated truck routes accommodating 80,000-pound trucks. Up to $900,000 may be awarded to projects that improve connections with other designated truck routes and with freight-traffic-generating businesses.

In total, these projects cost $36 million and are expected to manage truck traffic, create jobs, and boost economic activity in Illinois.