



Transportation and Export Report for 24 February 2022

This is obviously a difficult and complicated time in ocean freight and commodity markets. The initial Dry Bulk market response to the Ukrainian and Black Sea situation was to hike up prices due to the added overall risk factor. It has been reported that War Risk insurance for vessels in the region is ranging between \$200-\$300,000. It is likely that Wheat, Corn, Barley, Sunflower, and oil shipments from the area will have to be switched to other origins and this will add tonne miles, and therefore cost to each voyage.

Things are going to be quite jumbled for a while and this will add to market volatility.

I do not see much logistical impact on container markets or shipments, but the jump in fuel prices will affect all sectors. There is also the risk of a global economic downturn. So, we probably will be faced with different market forces pulling in different directions.

BALTIC DRY-BULK PANAMAX INDEX CHANGES

| Panamax Ocean Freight Indices | | | | | |
|----------------------------------|---------|-----------|-----------|------------|----------------|
| 24-Feb-2022 | | This Week | Last Week | Difference | Percent Change |
| P2A: Gulf/Atlantic - Japan | Index | 33227 | 30273 | 2,954 | 9.8% |
| P3A: PNW/Pacific - Korea | Index | 25473 | 23150 | 2,323 | 10.0% |
| S1C: US GULF-China-So.Japan | Index | 32929 | 33271 | -342 | -1.0% |
| P7: Trial- Miss. River - Qingdao | per ton | 69.24 | 64.35 | 4.9 | 7.6% |
| P8: Trial- Santos - Qingdao | per ton | 58.14 | 53.07 | 5.1 | 9.6% |

Recent history of freight values for Capesize vessels of Iron-Ore from West Australia to South China:

| | |
|------------------|----------------|
| Four weeks ago: | \$6.10-\$7.40 |
| Three weeks ago: | \$6.00-\$7.30 |
| Two weeks ago: | \$7.00-\$8.45 |
| One week ago: | \$7.00-\$8.00 |
| This week | \$8.50-\$10.40 |

US Vessel Line-Ups/Estimated vessel berthing delays at U.S. Export Grain Elevators:

| | | |
|---------------------|----------------|---------------------------------------|
| Mississippi River: | (10 elevators) | 3-10 days (9 facilities operating.) |
| Mid-Stream loaders: | (6+ Rigs) | 4-5 days |
| Texas Gulf | (5 elevators) | 0-15 days (2 Facilities at zero days) |
| Pacific Northwest: | (9 elevators) | 4 - 7 days |

AGP Grays Harbor/PNW is loading soy meal via a temporary mobile conveyor system. Expects to be back up with full repairs by June.

| Panamax Market Spreads to Asia -China | | | | | |
|---------------------------------------|---------|---------|---------------|--------------|-----------|
| 24-Feb-2022 | GULF | PNW | Bushel Spread | Tonne Spread | Advantage |
| CORN | 0.98 | 1.50 | 0.52 | \$20.47 | PNW |
| SOYBEANS | 1.05 | 2.05 | 1.00 | \$36.74 | GULF |
| OCEAN FREIGHT | \$67.50 | \$37.50 | .76 -.82 | \$30.00 | APRIL |

Current Grain Vessel Market Indications:

**** Below rates are estimates for the nearby-30-day period. 60-90 days forward physical rates will usually be higher.**

Soybean Panamax USG to Spain is running \$43.00 - \$45.00/mt.

Soybean Brazil to Spain about \$54.00 - \$56.00/mt.

| Route and Vessel Size | Current Week USD/MT | Change from previous week | Remarks |
|--|---------------------|---------------------------|--|
| 55,000 U.S. Gulf-Japan | \$68.50 | Up \$2.50 | Handymax \$66.50 mt |
| 55,000 U.S. PNW- Japan | \$38.25 | Up \$2.00 | Handymax at \$37.00 mt |
| 65,000 U.S. Gulf – China | \$67.50 | Up \$3.00 | North or South China |
| PNW to China | \$37.50 | Up \$2.00 | |
| 25,000 U.S. Gulf- Veracruz, México | \$25.50 | Up \$.75 | 3,000 MT daily discharge rate |
| 35-40,000 U.S. Gulf- Veracruz, México | \$22.25 | Up \$0.75 | Deep draft and 6,000 MT per day discharge rate. |
| 30-38,000 U.S. Gulf- Colombia | \$36.50 | Up \$1.00 | <u>West Coast Colombia at \$43.00</u> |
| 50,000 USG- E/C Colombia | \$35.75 | | |
| <u>East Coast Colombia</u> From Argentina | \$50.50 | | |
| 40-45,000 U.S. Gulf - Guatemala | \$45.00 | Up \$1.00 | Acajutla/Quetzal - 8,000 out |
| 30,000 US Gulf-Morocco | \$57.50 | Up \$2.00 | 5,000 discharge rate |
| 55-60,000 U.S. Gulf –Egypt | \$57.00 | Up \$2.00 | 55,000-60,000 mt Egypt |
| PNW to Egypt | \$57.00 | | Romania - Russia- Ukraine \$21.00-\$21.00-\$22.00 France \$32.00 |
| 58-74,000 U.S. Gulf – Europe – Rotterdam | \$25.50 | Up \$1.50 | Handymax at +\$2.50 more |
| Brazil, Santos –China | \$59.50 | Up \$3.00 | 54-59,000 Supramax-Panamax |
| Brazil, Santos –China | \$57.00 | | 60-66,000 Post Panamax |
| Up-River Port North Brazil | \$65.50 | | 55-60,000 mt |
| 56-60,000 Argentina-China Deep draft | \$64.50 | Up \$3.00 | Up-River with Top Off Plus \$3.75-\$4.00 |

The Baltic Dry Bulk Freight Index



Baltic Capesize Index

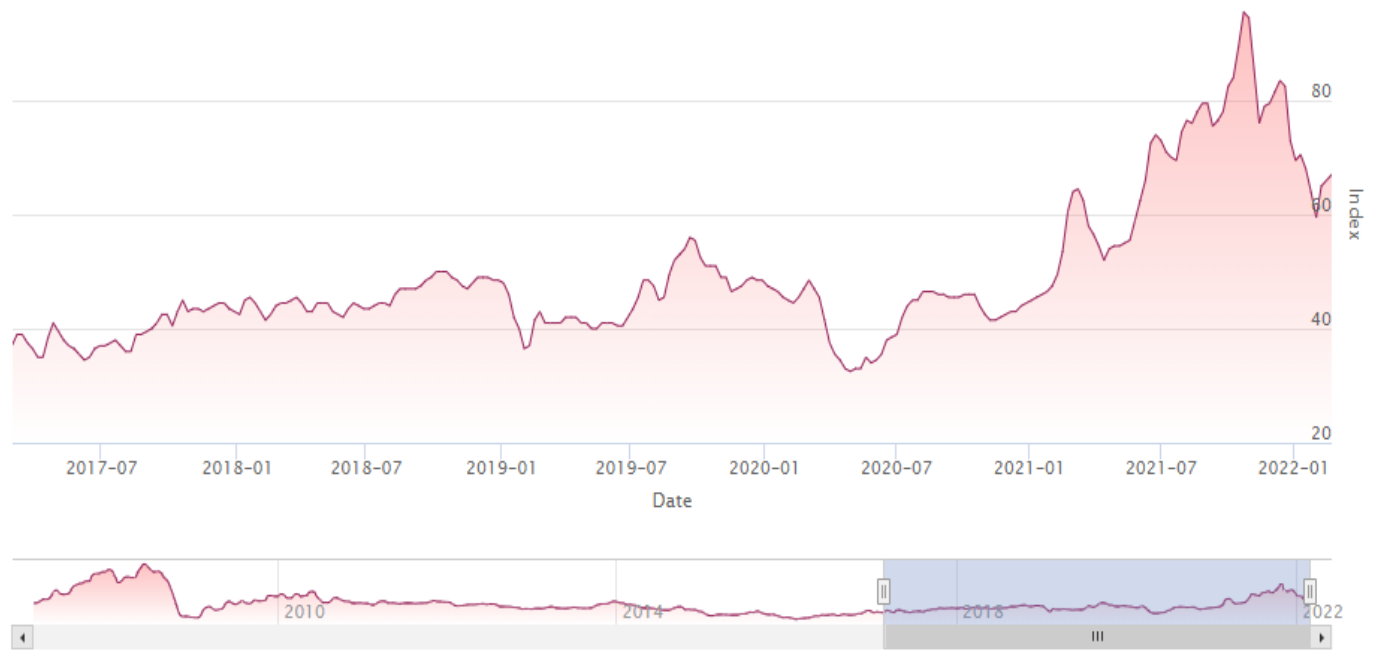


YAMAMIZU Index



Zoom **1m** 3m 6m YTD 1y 3y **5y** All

From 2017-02-23 To 2022-02-23



China Import Dry Bulk Freight Index 2022-02-24

| Description | Volume | Cargo | Unit | Rate | Change |
|---|------------|----------|--------|---------|--------|
| Composite Index | | | Point | 1365.75 | 34.17 |
| Iron ore Freight Index | | | Point | 1191.16 | 33.4 |
| Dampier(West Australia)-Qingdao (China) | 170000/10% | Iron ore | \$/ton | 10.408 | 0.517 |
| Tubarao(Brazil)-Qingdao(China) | 170000/10% | Iron ore | \$/ton | 23.043 | 0.147 |
| Soybean Freight Index | | | Point | 1580 | 29.68 |
| Santos(Brazil)— North China | 66000/10% | Soybean | \$/ton | 56 | 1.09 |
| Tacoma(West America)—North China | 63000/10% | Soybean | \$/ton | 37.26 | 0.5 |
| Mississippi(US Gulf)—North China | 66000/10% | Soybean | \$/ton | 66.98 | 1.31 |

24 February 2022 U.S. FOB Vessel Export Market Values:

| U.S. Yellow Corn (USD/MT) FOB Vessel | | | | | CORN | FUTURES |
|---|--------------------|-----------------|-------------------|-----------------|------|---------|
| #2 YC | GULF # 2 YC | | PNW # 3 YC | | H= | 6.9500 |
| Max. 14.5% moisture | BASIS | FLAT PRICE | BASIS | FLAT PRICE | K = | 6.9025 |
| April | 0.98 | \$310.32 | 1.50 | \$330.79 | N = | 6.7850 |
| May | 0.93 | \$308.35 | 1.50 | \$330.79 | U = | 6.2075 |
| June | 0.90 | \$302.54 | 1.50 | \$326.16 | Z= | 6.0475 |
| July | 0.87 | \$301.36 | 1.50 | \$326.16 | H = | 6.1100 |
| Aug. | 1.20 | \$291.62 | 1.80 | \$315.24 | | |
| Sept. | 1.15 | \$289.65 | 1.75 | \$313.27 | | |

The Gulf spread between #2 & #3 YC is currently about .04 cents per bushel (1.60/mt) at USG but is out to .06/bushel in the PNW.

| SORGHUM (USD/MT) FOB VESSEL | | |
|------------------------------------|-------------------|-----------------|
| #2 YGS Fob Vessel | TEXAS Gulf | |
| Max. 14.0% moisture | BASIS | FLAT PRICE |
| April | 2.25 | \$360.31 |
| May | 2.25 | \$360.31 |
| June | 2.25 | \$355.69 |
| July | 2.20 | \$353.72 |
| Aug. | 2.25 | \$332.95 |

Fob vessel Texas Gulf #2 Sorghum is about 116 % the value of #2 Yellow Corn at NOLA.

U.S. SRW Wheat Fob Vessel at the Center U.S. Gulf

| SRW Wheat | USD/MT | Fob Vessel | US Gulf | |
|------------------|---------------|-------------------|----------------|-------------|
| | Apr. | May | Jun. | July |
| FOB U.S. GULF | \$398.57 | \$396.74 | \$393.15 | \$393.15 |
| Basis | 1.50 | 1.45 | 1.45 | 1.45 |
| WH | 9.2600 | | | |
| WK | 9.3475 | | | |
| WN | 9.2500 | | | |

| U.S. Yellow Soybeans (USD/MT) FOB Vessel | | | | |
|---|-------------------------|-----------------|-------------------|-----------------|
| # 2 YSB | U.S. Gulf #2 YSB | | PNW #2 YSB | |
| 14.0 % Moisture | Basis | Flat Price | Basis | Flat Price |
| April | 1.05 | \$646.32 | 2.05 | \$683.06 |
| May | 1.05 | \$646.32 | 2.00 | \$681.22 |
| June | 1.15 | \$643.65 | 2.05 | \$676.72 |
| July | 1.10 | \$641.81 | 2.05 | \$676.72 |
| Aug. | 1.10 | \$625.46 | 2.10 | \$662.21 |
| Soybean Futures | | | | |
| Mar. | \$ 16.6150 | | | |
| May | \$ 16.5400 | | | |
| July | \$ 16.3675 | | | |
| Aug. | \$ 15.9225 | | | |
| Sept. | \$ 15.0250 | | | |
| Nov. | \$ 14.5150 | | | |

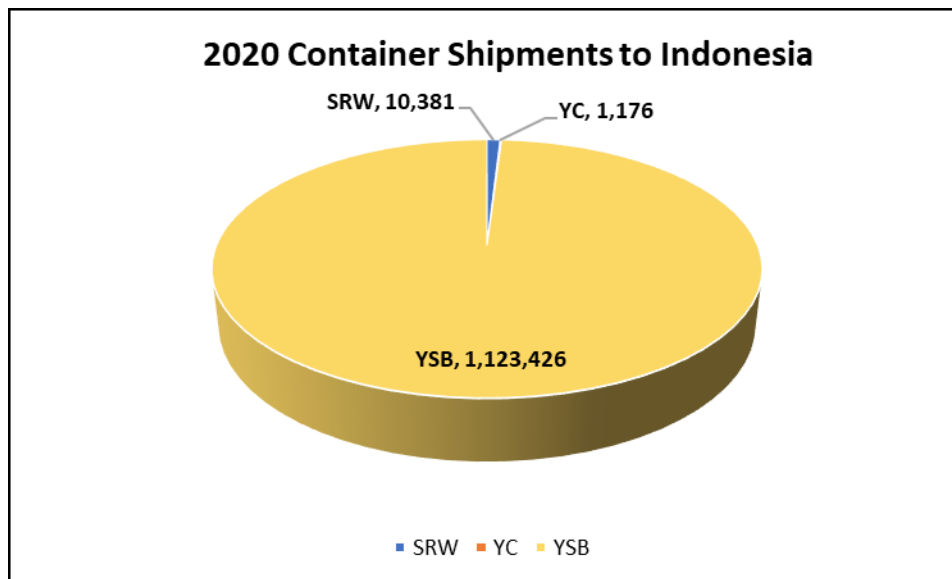
U.S. Soybean and SBM Markets Fob Vessel:

| U.S. SBM (USD/MT) FOB Vessel | | |
|-------------------------------------|----------------------|------------------|
| Fob U.S. Gulf Port | 47.5 Pro. SBM | |
| max 12.5 % moisture | Basis | Flat Price |
| April | 40.00 | \$ 546.40 |
| May | 35.00 | \$ 540.89 |
| June | 40.00 | \$ 541.88 |
| July | 40.00 | \$ 541.88 |
| Aug. | 48.00 | \$ 536.81 |
| SBM Futures | | |
| SMH | \$ 464.90 | |
| SMK | \$ 455.60 | |
| SMN | \$ 451.50 | |
| SMQ | \$ 438.90 | |
| SMU | \$ 425.50 | |
| SMV | \$ 413.70 | |

Data sheet below: *USDA weekly export inspections report with corrections to the last three weeks' grain export inspections reports. (This usually covers a 2-5-week prior time frame).*

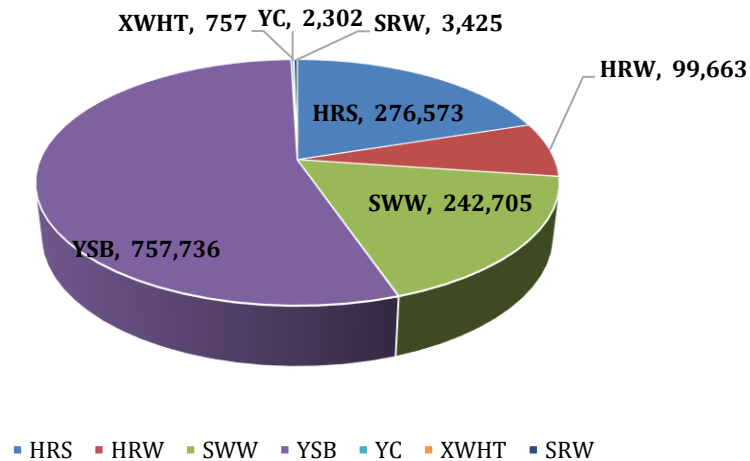
| CONTAINER SHIPMENTS of GRAIN | | | | | | | | | |
|---|---------------|-------------|---------------|------------|----------|----------|----------|--------------|---------------|
| USDA Grain Inspections Report: | | 17-Feb-2022 | | | | | | | |
| Last Week | metric tons | | | | | | | | MT |
| | YC | WC | YSB | SRW | NS | SWH | HRW | Sorghum | TOTAL |
| China | | | 24,314 | | | | | 881 | 25,195 |
| Taiwan | 9,742 | | 6,121 | | | | | | 15,863 |
| Hong Kong | 709 | | | | | | | | 709 |
| Costa Rica | | | | | | | | | 0 |
| Indonesia | | | 15,890 | | | | | | 15,890 |
| French Poly | | | | | | | | | 0 |
| Japan | | | 977 | | | | | | 977 |
| Korea Rep. | 538 | | | 490 | | | | | 1,028 |
| Dominican Rep | 48 | | | | | | | | 48 |
| Malaysia | 171 | | 3,330 | 196 | | | | | 3,697 |
| Colombia | | | | | | | | | 0 |
| Philippines | | | 318 | | | | | | 318 |
| Thailand | | | 1,590 | | | | | | 1,590 |
| Cambodia | | | | | | | | | 0 |
| Burma | | | | | | | | | 0 |
| Bahrain | 857 | | | | | | | | 857 |
| Nepal | | | 244 | | | | | | 244 |
| Vietnam | | | 3,403 | | | | | | 3,403 |
| Sub Total: | 12,065 | 0 | 56,187 | 686 | 0 | 0 | 0 | 881 | 69,819 |
| USDA Corrections/Additions to previous reports: | | | | | | | | | |
| Taiwan | 587 | | 1,689 | | | | | | 2,276 |
| China | | | 832 | | | | | 220 | 1,052 |
| Hong Kong | | | | | | | | | 0 |
| Korea Rep. | | | | | | | | | 0 |
| French Poly | | | | | | | | | 0 |
| Japan | | | | | | | | | 0 |
| Philippines | | | | | | | | | 0 |
| Indonesia | | | 808 | | | | | | 808 |
| Malaysia | | | | | | | | | 0 |
| Thailand | | | | | | | | | 0 |
| Vietnam | | | 563 | | | | | | 563 |
| Bangladesh | | | | | | | | | 0 |
| Un Arab Em | | | | | | | | | 0 |
| Sub Total: | 587 | 0 | 3,892 | 0 | 0 | 0 | 0 | 220 | 4,699 |
| Mt. Grand Total | 12,652 | 0 | 60,079 | 686 | 0 | 0 | 0 | 1,101 | 74,518 |
| Number of Containers | 550 | 0 | 2,612 | 30 | 0 | 0 | 0 | 48 | |

Jan - Dec 2020 Annual Totals versus 2021 Annual Total Container Shipments (in MT)

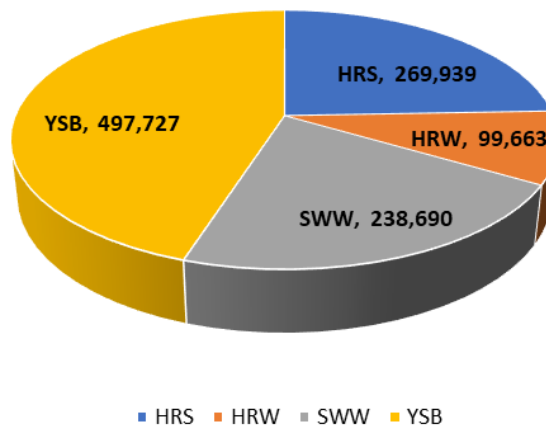


2021 Total Grain Exports reported by USDA (in MT)

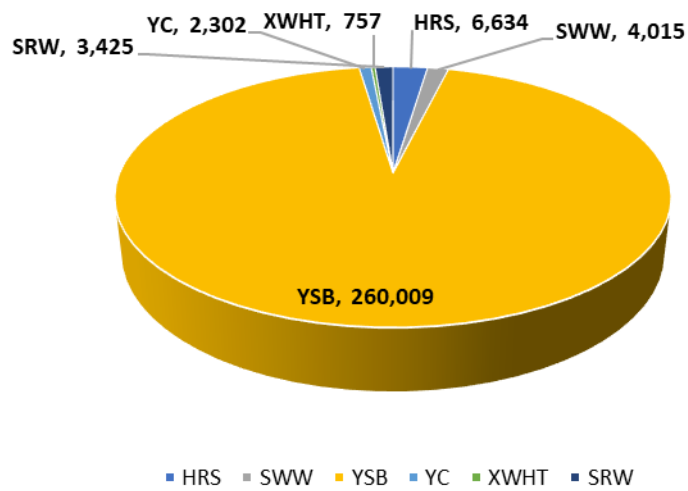
2021 Exports to Thailand



2021 Vessel Shipments to Thailand



2021 Container Shipments to Thailand



*Please keep in mind that USDA does not report DDGS sales

Source: USDA-data

Shipping News

@MedWave Shipping Services - Libya 🇱🇲 @MedWave1 · 4h

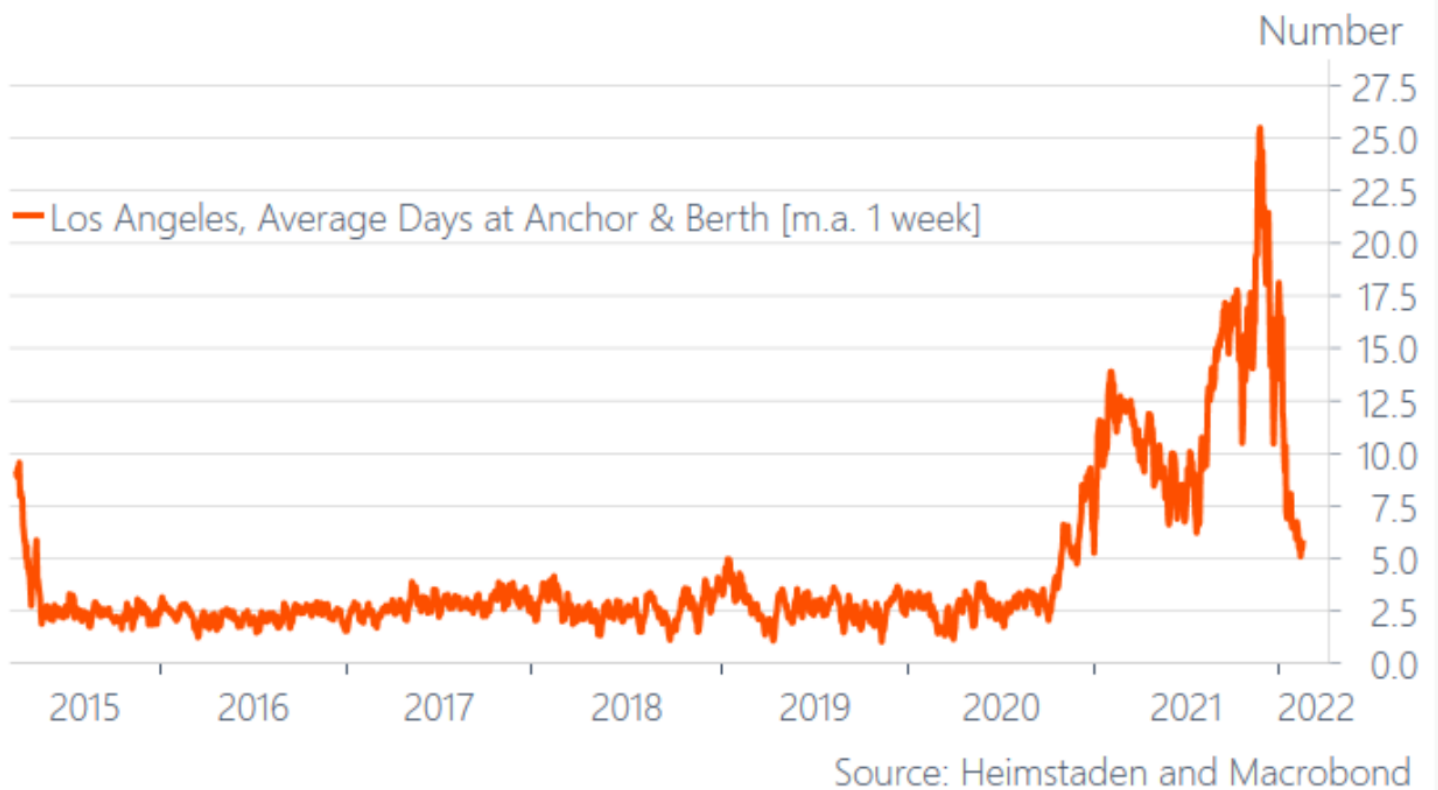
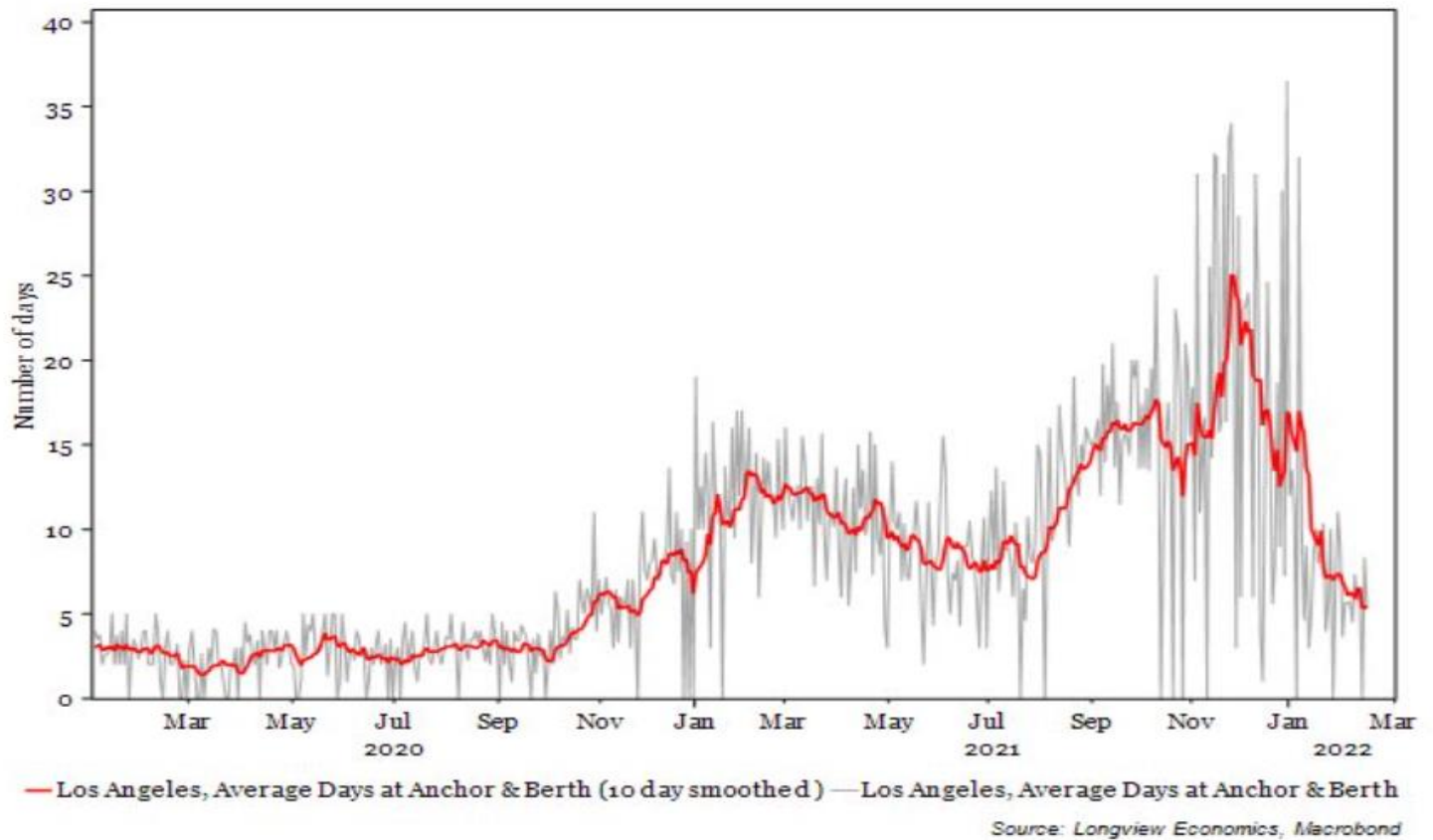
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#OATT #Brazil #Shipping

A backlog of ships waiting to load [#Soybeans](#) from some Brazilian 🇧🇷 ports is stretching to near-record (⬆️ 40 days at some key ports) as the world's biggest bean exporter struggles to harvest and ship this season's crop due to extreme weather - [@markets](#)



FIG 1: LA Port traffic (days at anchor & berth, shown with 10 day moving average)



Peter Tirschwell @PeterTirschwell · 44m

...

Positive trends: A nearly 40% reduction in ships awaiting berth at LA-LB (66 now), according to [@MXSOCAL](#) and inbound laden dwell times down nearly 20% from an all-time high in November, according to [@PMSAship](#). Hope as [#TPM22](#) begins?



Bloomberg @business · 31m

...

The carrier transporting thousands of Porsches, Lamborghinis and other Volkswagen vehicles is still on fire almost a full week after the crew abandoned ship



[bloomberg.com](https://www.bloomberg.com)

Porsche Car Carrier Fire Drags On Days After Crew Abandoned Ship

The operator of Felicity Ace, the ship transporting thousands of Porsches, Lamborghinis and other Volkswagen AG vehicles, said ...

BreakWave @DryBulkETF · 3m

...

Arrow: "The most exposed vessel class is Handysizes of which around 16% either loads/discharges in Russia/Ukraine, 10% being just Black Sea. Panamaxs are exposed primarily from the Baltic coal trade, but some Black Sea grains too. Capes have limited exposure from coal & iron ore"



1

**Alphaliner @Alphaliner · 1h**

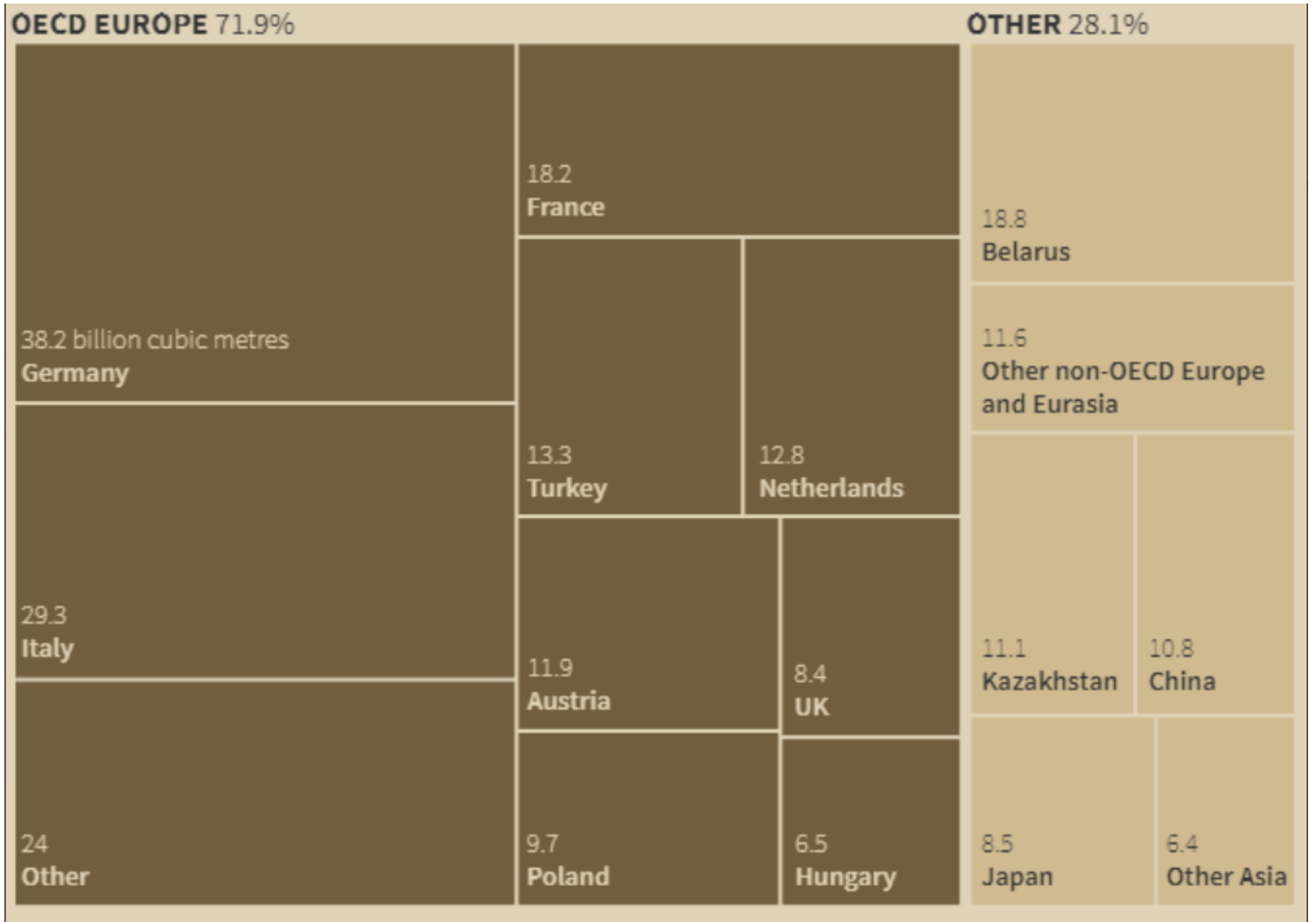
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1 of 6

Throughput growth at the world's 30 largest [#container](#) ports exceeded 6.5% in 2021, as gains offset last year's losses for many individual ports. The 30 leading [#ports](#) handled 450 Mteu during the year, versus 421 Mteu in 2020.

| Rank | Port Name | Country | 2021 | 2020 | 2019 | Growth 21/20% | Growth 20/19% |
|---------|------------------------|-------------|------------|------------|------------|---------------|---------------|
| 1 (1) | Shanghai | China | 47,025,000 | 43,501,400 | 43,303,000 | 8.1% | 0.5% |
| 2 (2) | Singapore | Singapore | 37,467,700 | 36,870,940 | 37,195,636 | 1.6% | -0.9% |
| 3 (3) | Ningbo-Zhoushan | China | 31,080,000 | 28,734,300 | 27,535,000 | 8.2% | 4.4% |
| 4 (4) | Shenzhen | China | 28,760,000 | 26,553,000 | 25,771,700 | 8.3% | 3.0% |
| 5 (5) | Guangzhou-Nansha | China | 24,180,000 | 23,191,500 | 23,236,200 | 4.3% | -0.2% |
| 6 (6) | Qingdao | China | 23,700,000 | 22,004,700 | 21,010,000 | 7.7% | 4.7% |
| 7 (7) | Busan | S Korea | 22,690,258 | 21,823,995 | 21,992,000 | 4.0% | -0.8% |
| 8 (8) | Tianjin | China | 20,260,000 | 18,356,100 | 17,300,700 | 10.4% | 6.1% |
| 9 (10) | Los Angeles/Long Beach | US | 20,061,978 | 17,326,718 | 16,969,666 | 15.8% | 2.1% |
| 10 (9) | Hong Kong | China | 17,788,000 | 17,326,720 | 18,303,000 | 2.7% | -5.3% |
| 11 (11) | Rotterdam* | Netherlands | 15,300,000 | 14,349,446 | 14,810,804 | 6.6% | -0.03% |
| 12 (12) | Dubai/Jebel Ali | UAE | 13,700,000 | 13,484,600 | 14,111,000 | 1.6% | -4.4% |
| 13 (13) | Port Kelang* | Malaysia | 13,700,000 | 13,244,414 | 13,580,717 | 3.4% | -2.5% |
| 14 (15) | Xiamen | China | 12,030,000 | 11,410,000 | 11,122,180 | 5.4% | 2.6% |
| 15 (14) | Antwerp | Belgium | 12,020,245 | 12,031,467 | 11,860,204 | -0.1% | 1.4% |

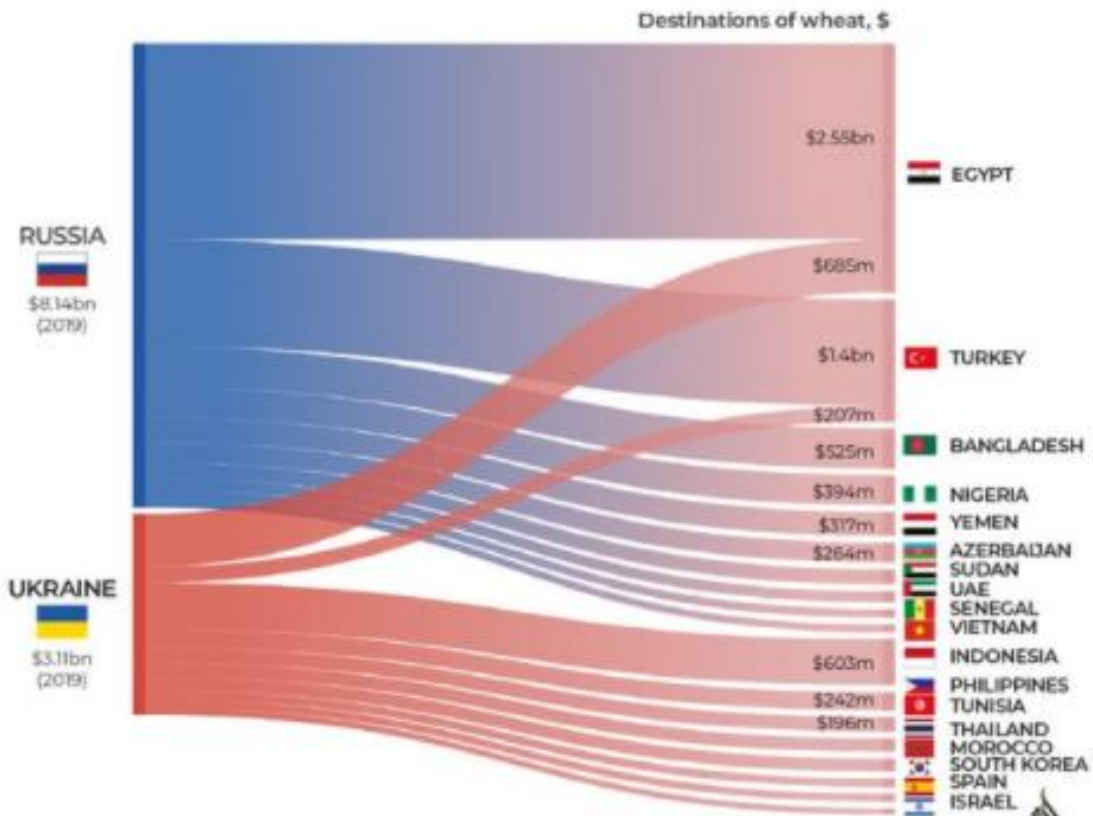
Russia-Ukraine News



TRADE

Who buys Russian and Ukrainian wheat?

A quarter of the world's wheat exports came from Russia and Ukraine in 2019.



Source: Observatory for Economic Complexity, 2019

@AJLabs ALJAZEERA

RitaBuyse @ACOMRB · 8h

Refinitiv: RUSSIA RESTRICTS MOVEMENT OF COMMERCIAL VESSELS IN THE AZOV SEA UNTIL FURTHER NOTICE - TWO GRAIN INDUSTRY SOURCES - RTRS | News Wires

Holly Birkett @HJBirkett · 24m

An ultramax chartered to Cargill has been hit by shell in Black Sea. No crew were injured.

By me and my ace colleague Harry Papachristou @tradewinds_HP

tradewindsnews.com/bulkers/cargil... #drybulk @Cargill



tradewindsnews.com

Cargill-chartered bulker hit by shell in Black Sea as Russia attacks Ukr...
No injuries reported but extensive damage to Yasa Shipping bulker hit by a 'shell or bomb'

Turkish bulk carrier YASA JUPITER was hit by either Russian air strike or Russian missile off Odessa, Black sea, on Feb 24, while en route from Dnepro-Bugskiy to Constanta Romania. According to Turkish MRCC, the ship sustained damages in cargo hold area, but she remained under way, continues voyage. Crew are, thankfully, safe.

dry bulk freight market & commodities @chartering101 · 6h

...

Russian flagged tanker, named Sgv Flot in azov Sea, her bridge been damaged.



Simon Kuestenmacher @simongerman600 · 2h



...

Russia's Desired Borders according to Peter Zeihan (map from 2016!).

Source: buff.ly/3BNZgpb



Karen Braun  @kannbwX · 15m

 #Ukraine &  #Russia together account for 29% of world #wheat exports compared with 15% a decade ago.

Among their top wheat buyers are Egypt, Turkey, Indonesia, Bangladesh, Pakistan, Azerbaijan and Yemen.

Ukraine & Russia Share of World Wheat Exports

10 Years Ago

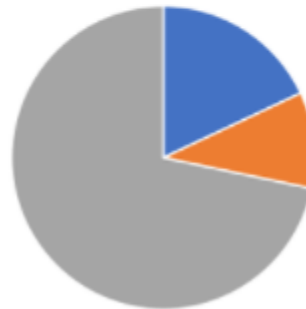


■ Russia
■ Ukraine

@kannbwX

Data source: U.S. Dept. of Agriculture

Today



Baltic Dry-Bulk Ocean Freight Index- US Gulf- Japan



Ukraine's Projected Share of World Exports 2021/22

(Shown in teal; product ranking in parentheses)

Barley (#2)



Corn (#4)



Sunflower Oil (#1)



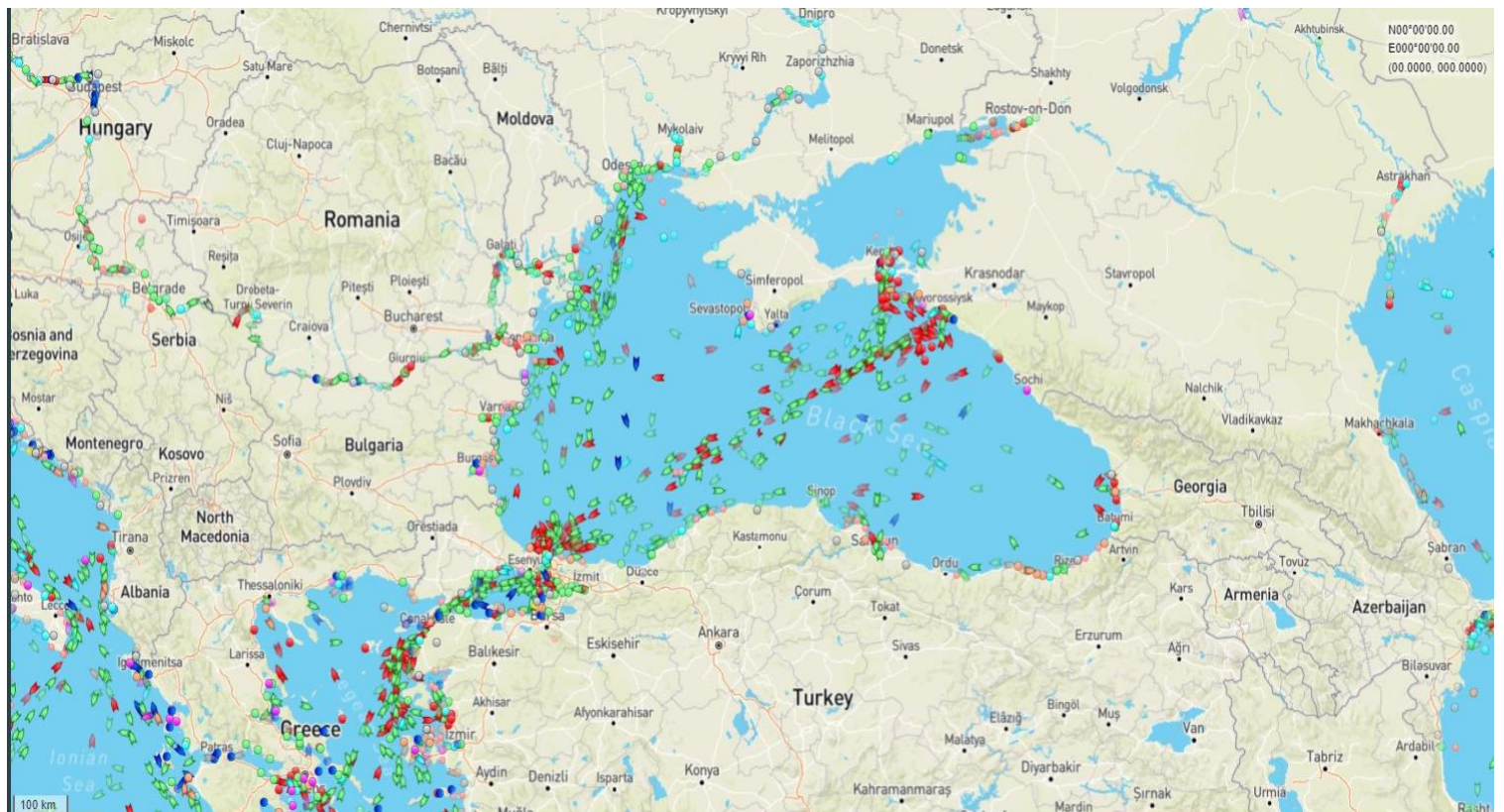
Rapeseed (#3)



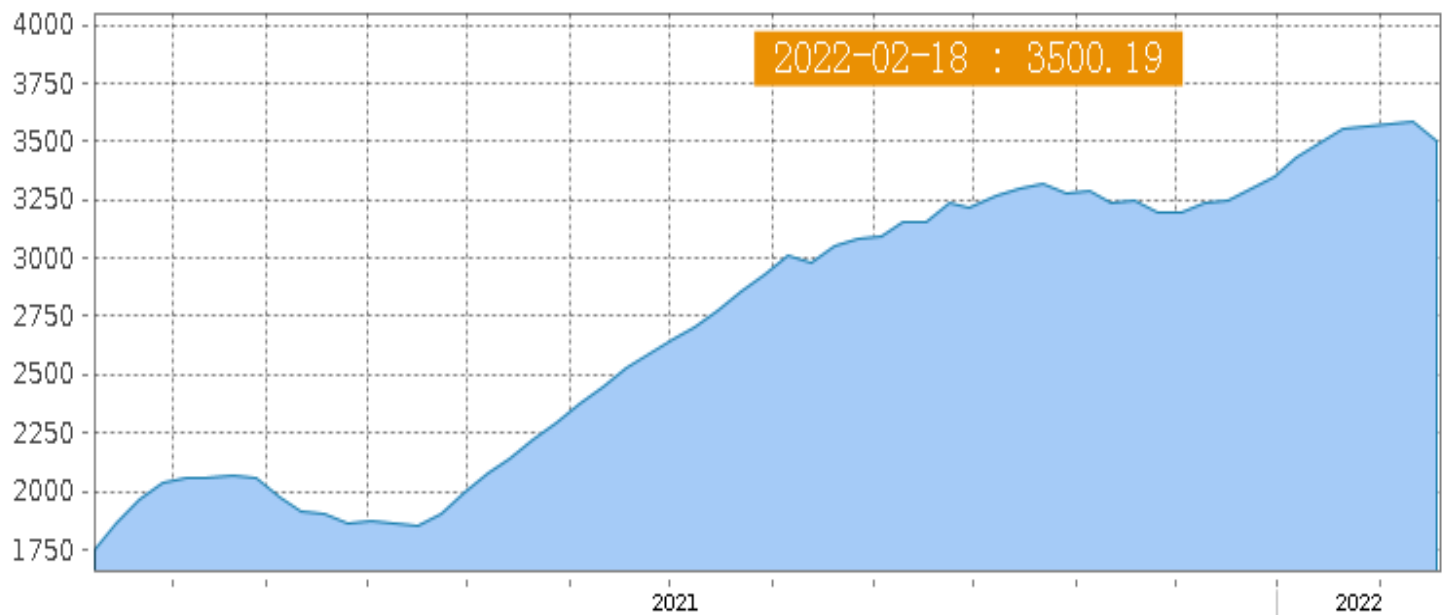
Wheat (#3)



inbw
Source: U.S.
if Agriculture



China Containerized Freight Index



China Import Dry Bulk Freight Index



Secondary Rail Car Market for Car placement period: Last Half March 2022

| Secondary Rail Car Market Placement LH. March 2022 | BID USD | ASK USD | BID BU. | ASK BU. | BID MT | ASK MT |
|---|-------------|------------|------------|------------|-----------|-----------|
| BNSF Shuttle Trains | \$ (100.00) | \$ 100.00 | \$ (0.03) | \$ 0.03 | \$ (0.98) | \$ 0.98 |
| UPRR Shuttle Trains | \$ 200.00 | \$ 300.00 | \$ 0.05 | \$ 0.08 | \$ 1.97 | \$ 2.95 |

U.S. RIVER BARGE FREIGHT

Barge Freight for Loading Placement Last Half March 2022

| Placement LH. March 2022 | % of | | Corn | Soybeans-Wheat |
|----------------------------------|--------|---------|------|----------------|
| | Tariff | MT | BU | BU |
| Upper Mississippi | Closed | | | |
| Illinois River (Pekin and South) | 500 | \$34.12 | 0.87 | 0.93 |
| Mid-Mississippi | Closed | | | |
| Lower Ohio | 440 | \$21.63 | 0.55 | 0.59 |
| St. Louis | 400 | \$17.59 | 0.45 | 0.48 |

Best Regards,

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*** The information in this market report is derived from sources believed to be reliable and accurate but cannot be guaranteed. Forward looking projections are never completely accurate, and these markets move quickly.
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