



Commodity Price Analysis

January 2022

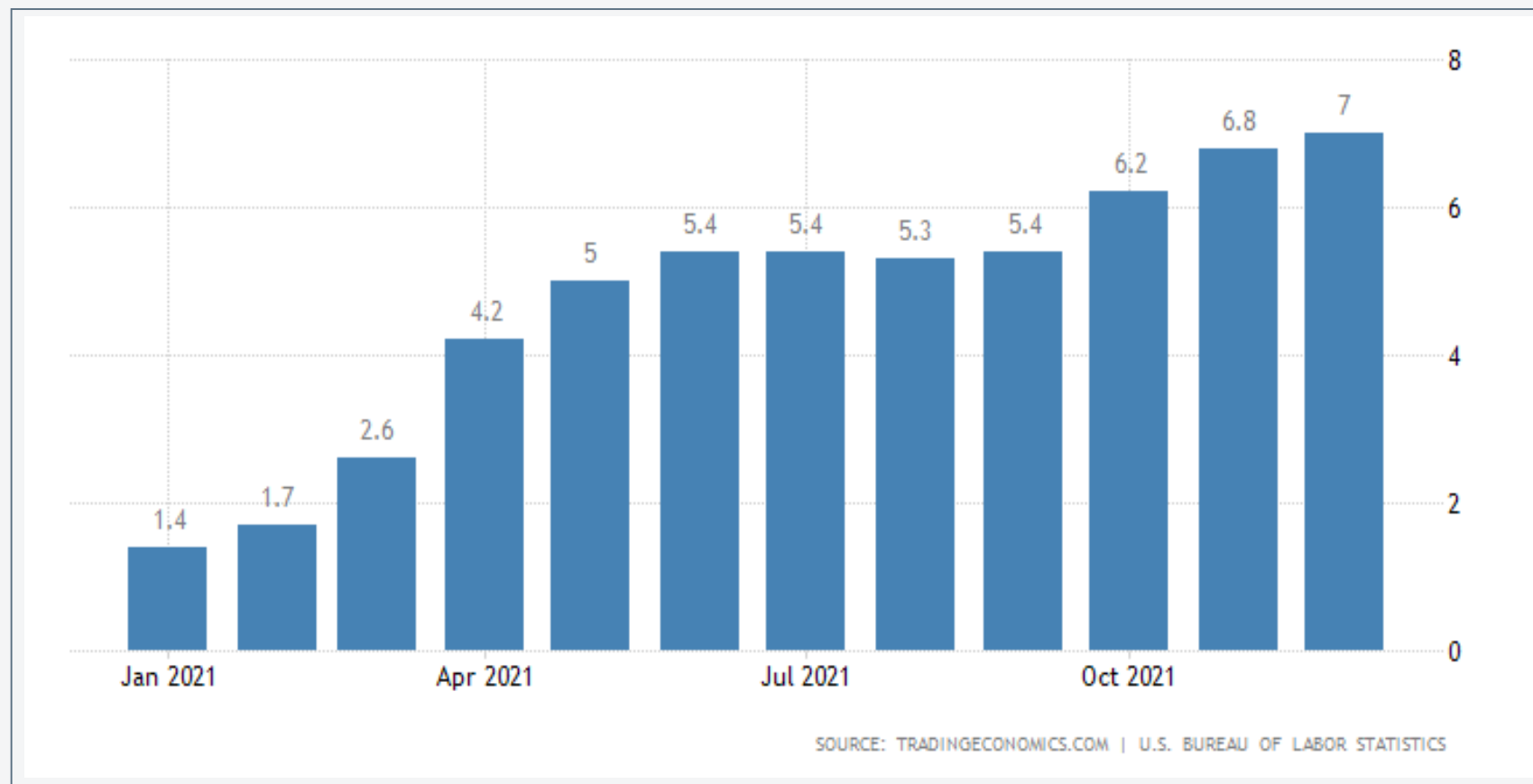


Historical Inflation

Monthly Inflation
Rate Jan '21 - Dec '21

Surge continued due to consumption recovery and high demand, showing plateau in June remaining through September.

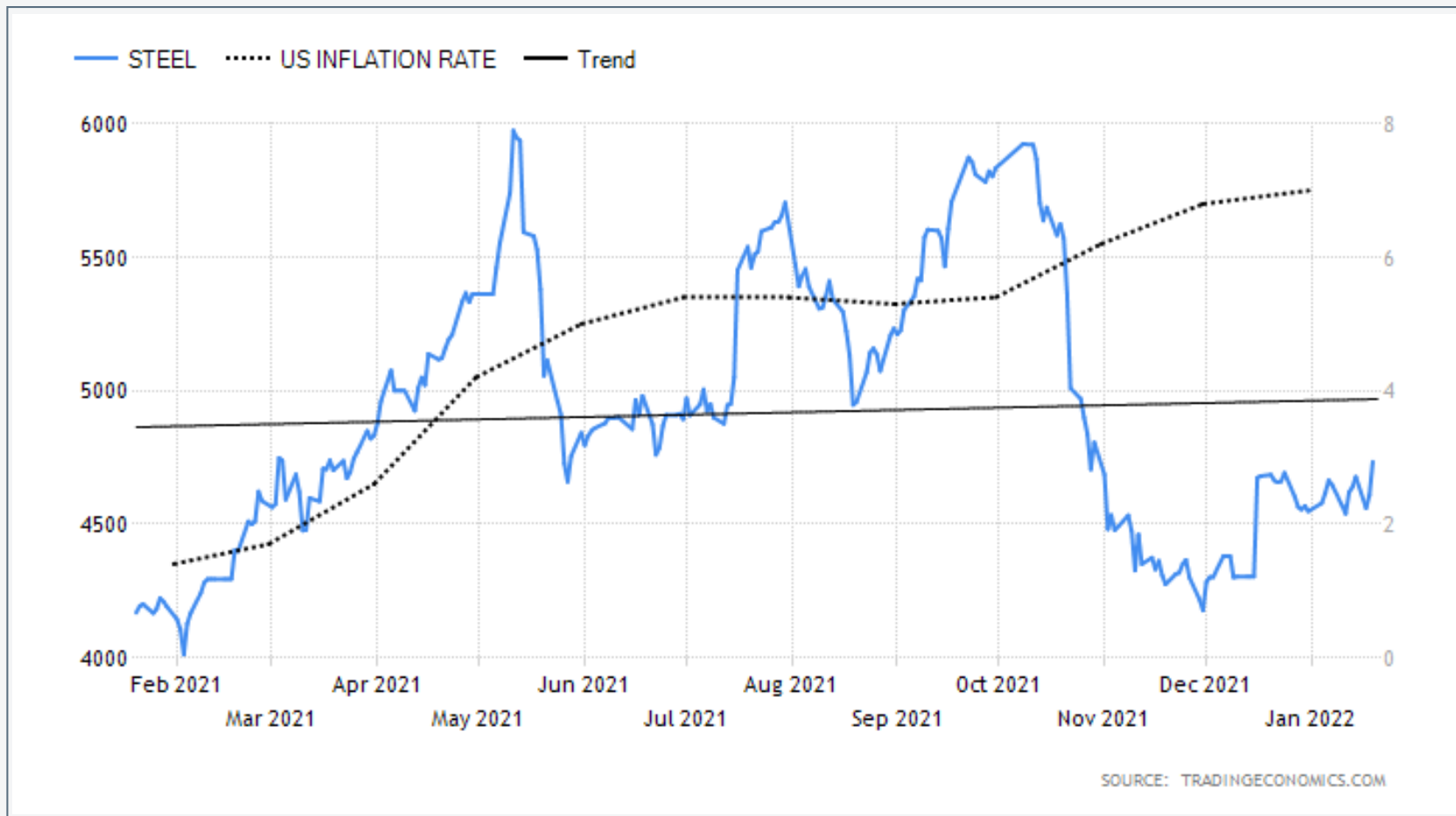
Length of surge will determine staggering in Commodities Bubble





Steel Market

U.S. DOMESTIC HOT-ROLLED COIL STEEL (CRU)



18% Increase from
Feb '21 – Jan '22



















Price plummeted in Nov'21

Price recovers in Dec'21
and continues to stabilize
in Jan '22



Steel Market

U.S. DOMESTIC HOT-ROLLED COIL STEEL (CRU) INDEX FUTURES - QUOTES

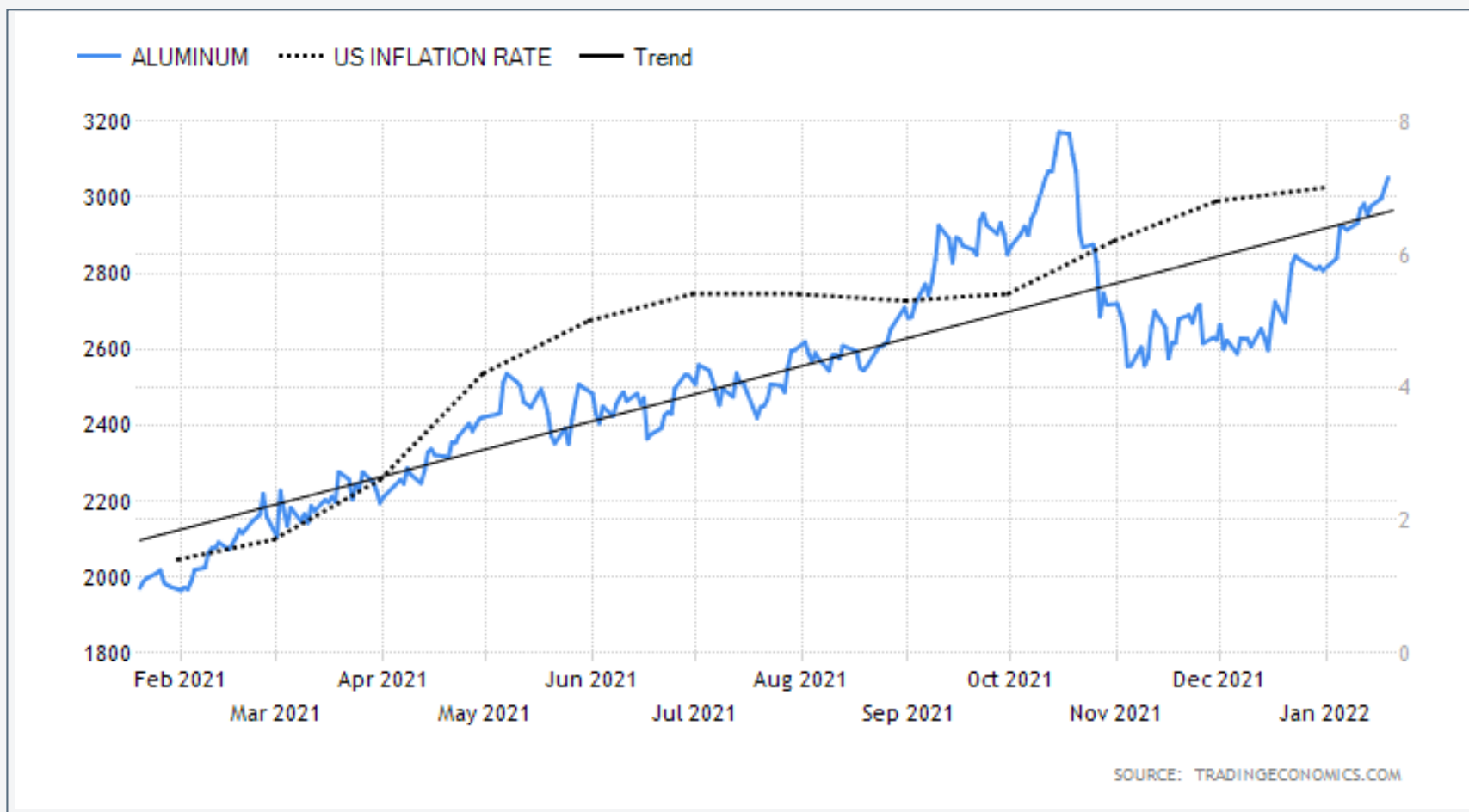
MONTH	OPTIONS	CHART	LAST	CHANGE	PRIOR SETTLE	OPEN	HIGH	LOW	VOLUME	UPDATED
 JAN 2022 HRCF2	 OPT		-	-	1438.00	-	-	-	0	08:22:05 CT 20 Jan 2022
 FEB 2022 HRCG2	 OPT		1230.00	-6.00 (-0.49%)	1236.00	1230.00	1230.00	1230.00	8	09:57:38 CT 20 Jan 2022
 MAR 2022 HRCH2	 OPT		1031.00	-2.00 (-0.19%)	1033.00	1027.00	1032.00	1025.00	26	12:17:41 CT 20 Jan 2022
 APR 2022 HRCJ2	 OPT		998.00	+8.00 (+0.81%)	990.00	999.00	999.00	998.00	3	11:56:17 CT 20 Jan 2022
 MAY 2022 HRCK2	 OPT		963.00	-14.00 (-1.43%)	977.00	963.00	963.00	963.00	2	08:26:42 CT 20 Jan 2022
 JUN 2022 HRCM2	 OPT		-	-	950.00	-	-	-	0	08:22:05 CT 20 Jan 2022

Futures prices reduce in Q1 '22

Futures indicate possible increase in Q2'22



Aluminum Market



55% Increase from
Feb '21 – Jan '22

Price increase in
Q3'21, peaking in
mid Oct'21

Price reduction in
Nov'21

Price increase in
Dec '21 continued
in Jan'22



Iron Ore Market



32% Decrease from
Feb '21 – Jan '22

High increase in
prices Q4'20 – Q2'21











Considerable Price
drop in Q3'21
continued in Q4'21

Price increase in
Dec '21 continues in
Jan'22



Iron Ore Market

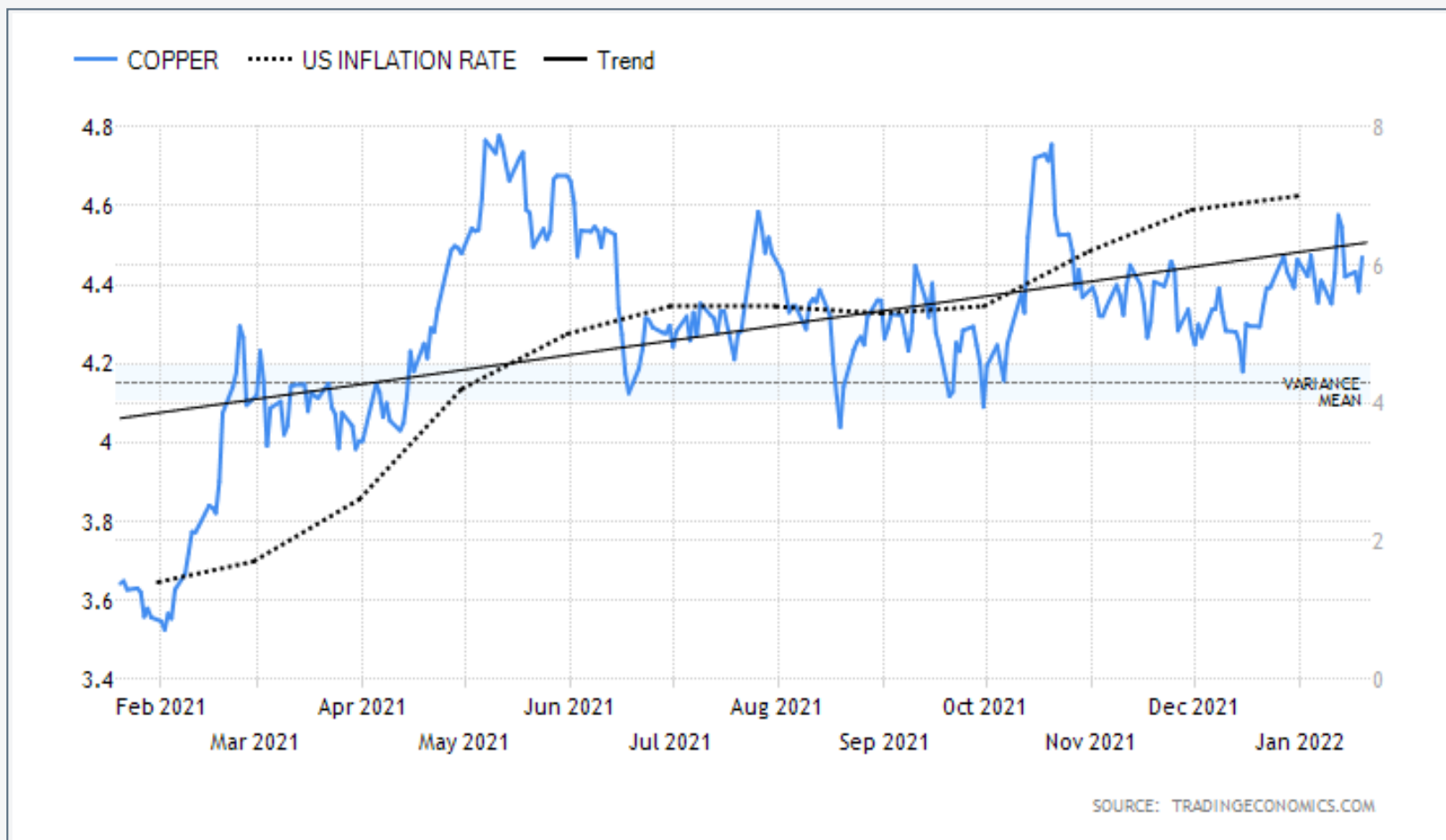
IRON ORE 62% FE, CFR CHINA (TSI) FUTURES - QUOTES

MONTH	OPTIONS	CHART	LAST	CHANGE	PRIOR SETTLE	OPEN	HIGH	LOW	VOLUME	UPDATED
 JAN 2022 TIOF2	OPT		-	-	127.41	-	-	-	0	10:25:39 CT 20 Jan 2022
 FEB 2022 TIOG2	OPT		-	-	130.58	-	-	-	0	10:25:39 CT 20 Jan 2022
 MAR 2022 TIOH2	OPT		-	-	130.54	-	-	-	0	10:25:39 CT 20 Jan 2022
 APR 2022 TIOJ2	OPT		-	-	130.13	-	-	-	0	10:25:39 CT 20 Jan 2022
 MAY 2022 TIOK2	OPT		-	-	129.69	-	-	-	0	10:25:39 CT 20 Jan 2022
 JUN 2022 TIO M2	OPT		-	-	129.11	-	-	-	0	10:25:39 CT 20 Jan 2022

Price recovery in Q1'22 and possible decrease in Q2'22



Copper Market



26% Increase from
Feb '21 – Jan '22



















Price Variance in Jul '21
with slight decrease in
Aug'21 and continued
recovery until Oct'21

Price continues to
stabilize in Jan '22



Copper Market

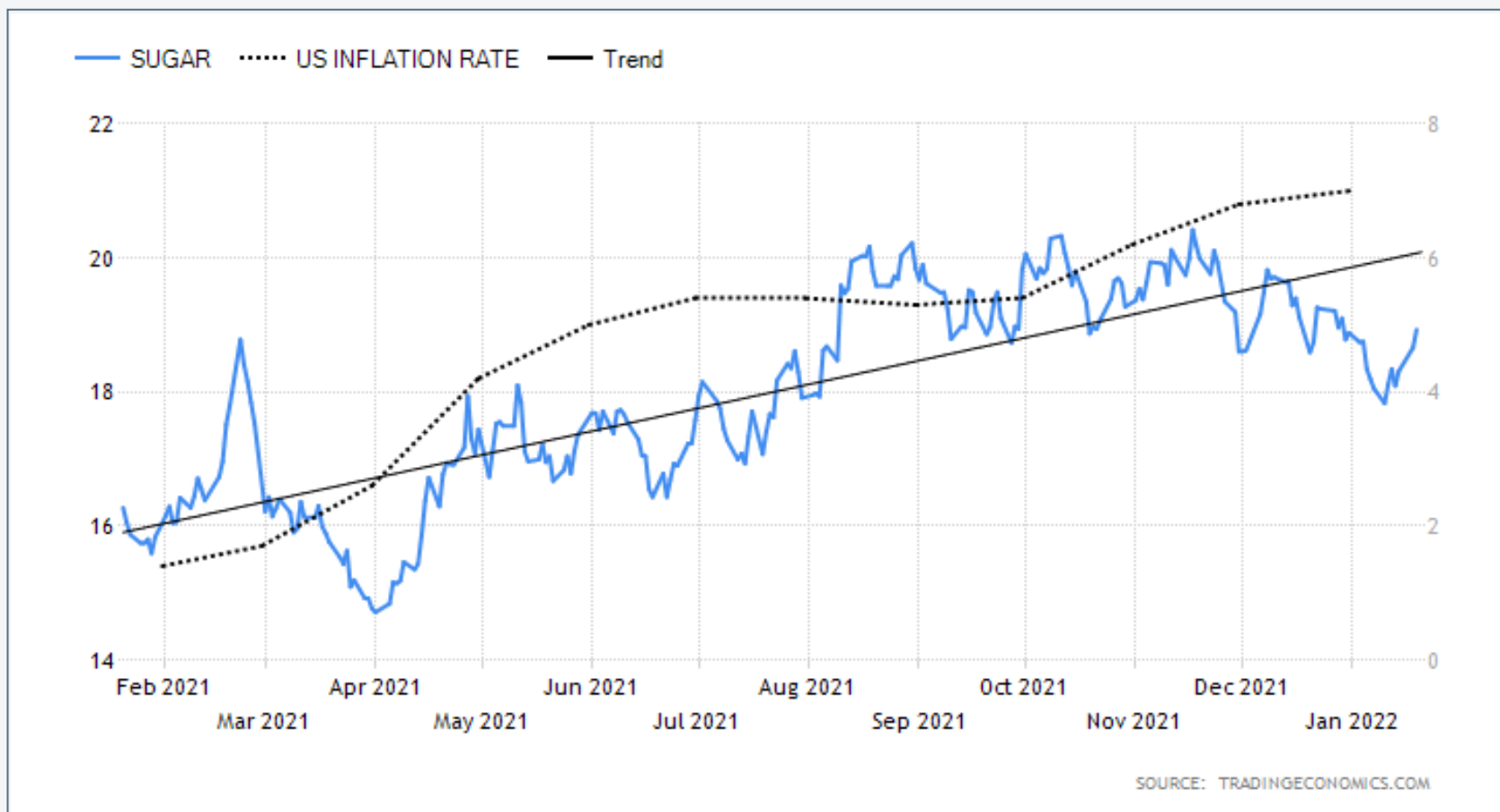
COPPER FUTURES – QUOTES

MONTH	OPTIONS	CHART	LAST	CHANGE	PRIOR SETTLE	OPEN	HIGH	LOW	VOLUME	UPDATED
 JAN 2022 HGF2	 OPT		4.5240	+0.0615 (+1.38%)	4.4625	4.5185	4.5240	4.5185	965	12:26:27 CT 20 Jan 2022
 FEB 2022 HGG2	 OPT		4.5705	+0.1055 (+2.36%)	4.4650	4.4570	4.5800	4.4570	508	12:26:27 CT 20 Jan 2022
 MAR 2022 HGH2	 OPT		4.5735	+0.1035 (+2.32%)	4.4700	4.4490	4.5860	4.4440	65,263	12:34:01 CT 20 Jan 2022
 APR 2022 HGJ2	 OPT		4.5735	+0.1035 (+2.32%)	4.4700	4.4470	4.5800	4.4470	159	12:27:26 CT 20 Jan 2022
 MAY 2022 HGK2	 OPT		4.5685	+0.0950 (+2.12%)	4.4735	4.4510	4.5840	4.4465	13,211	12:33:29 CT 20 Jan 2022
 JUN 2022 HGM2	 OPT		4.5565	+0.0830 (+1.86%)	4.4735	4.5310	4.5590	4.5310	92	12:27:49 CT 20 Jan 2022

Expected recovering prices for remainder Q1 and Q2 '22



Sugar Market















27% Increase from Jan '21 – Dec'21

Good harvest in Brazil in Thailand, low harvest in India and supply chain crisis have caused prices to remain low.



Sugar Market

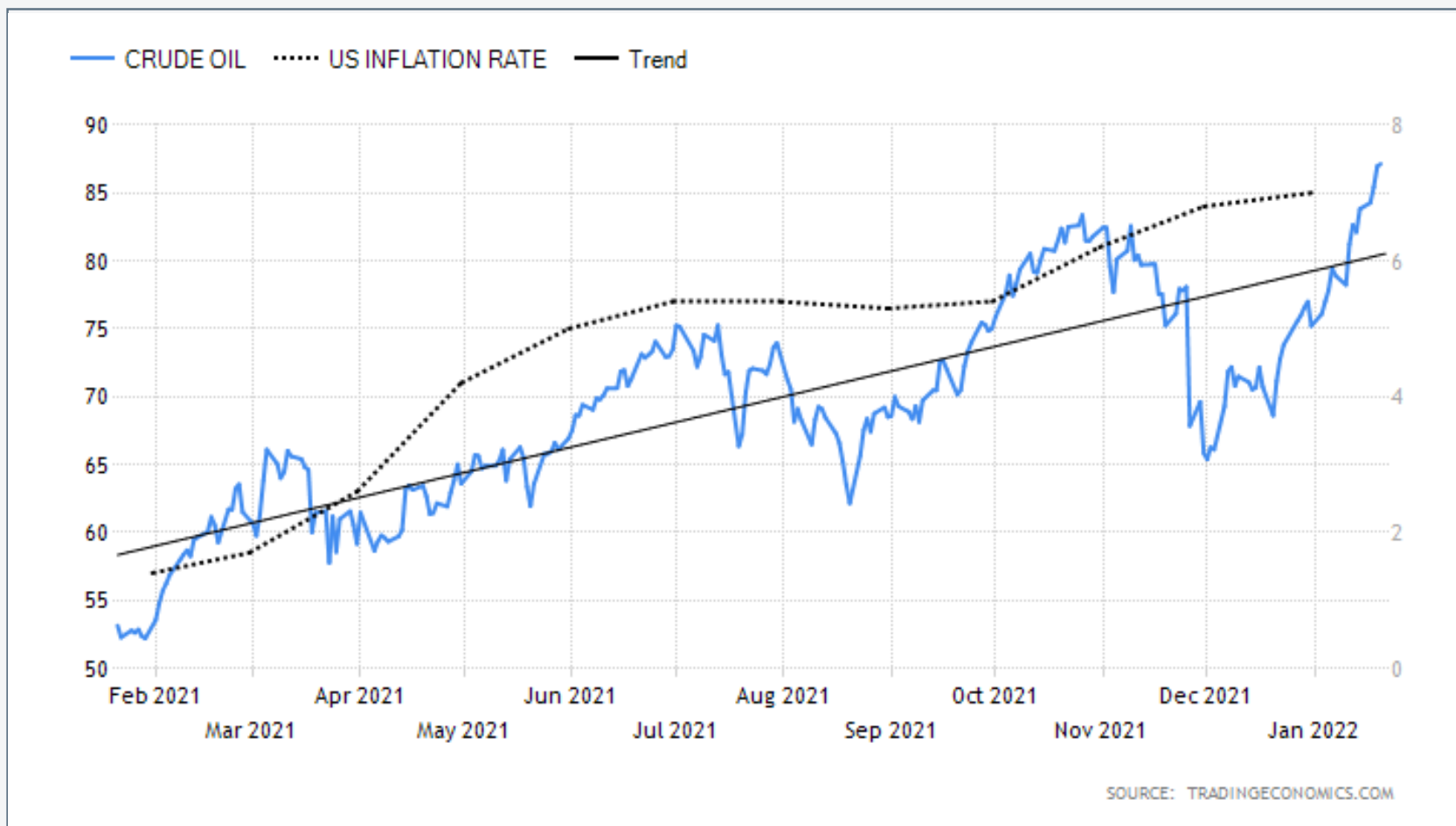
SUGAR FUTURES - QUOTES

MONTH	CHART	LAST	CHANGE	PRIOR SETTLE	OPEN	HIGH	LOW	VOLUME	UPDATED
 MAR 2022 YOH2		-	-	0.1907	-	-	-	0	12:04:01 CT 20 Jan 2022
 MAY 2022 YOK2		-	-	0.1878	-	-	-	0	12:04:01 CT 20 Jan 2022
 JUL 2022 YON2		-	-	0.1851	-	-	-	0	12:04:01 CT 20 Jan 2022
 OCT 2022 YOV2		-	-	0.1839	-	-	-	0	12:04:01 CT 20 Jan 2022
 MAR 2023 YOH3		-	-	0.1845	-	-	-	0	12:04:01 CT 20 Jan 2022
 MAY 2023 YOK3		-	-	0.1762	-	-	-	0	12:04:01 CT 20 Jan 2022

Prices decrease after '21-'22 harvest and expected decrease to continue.



Crude Oil Market



68% Increase from
Feb '21 – Jan '22

Oil prices continue
impact to
transportation costs
and affect the stability
in supply chain costs

Continued price
increase in Jan '22
after decrease in Dec
'21



Crude Oil Market

CRUDE OIL FUTURES – QUOTES

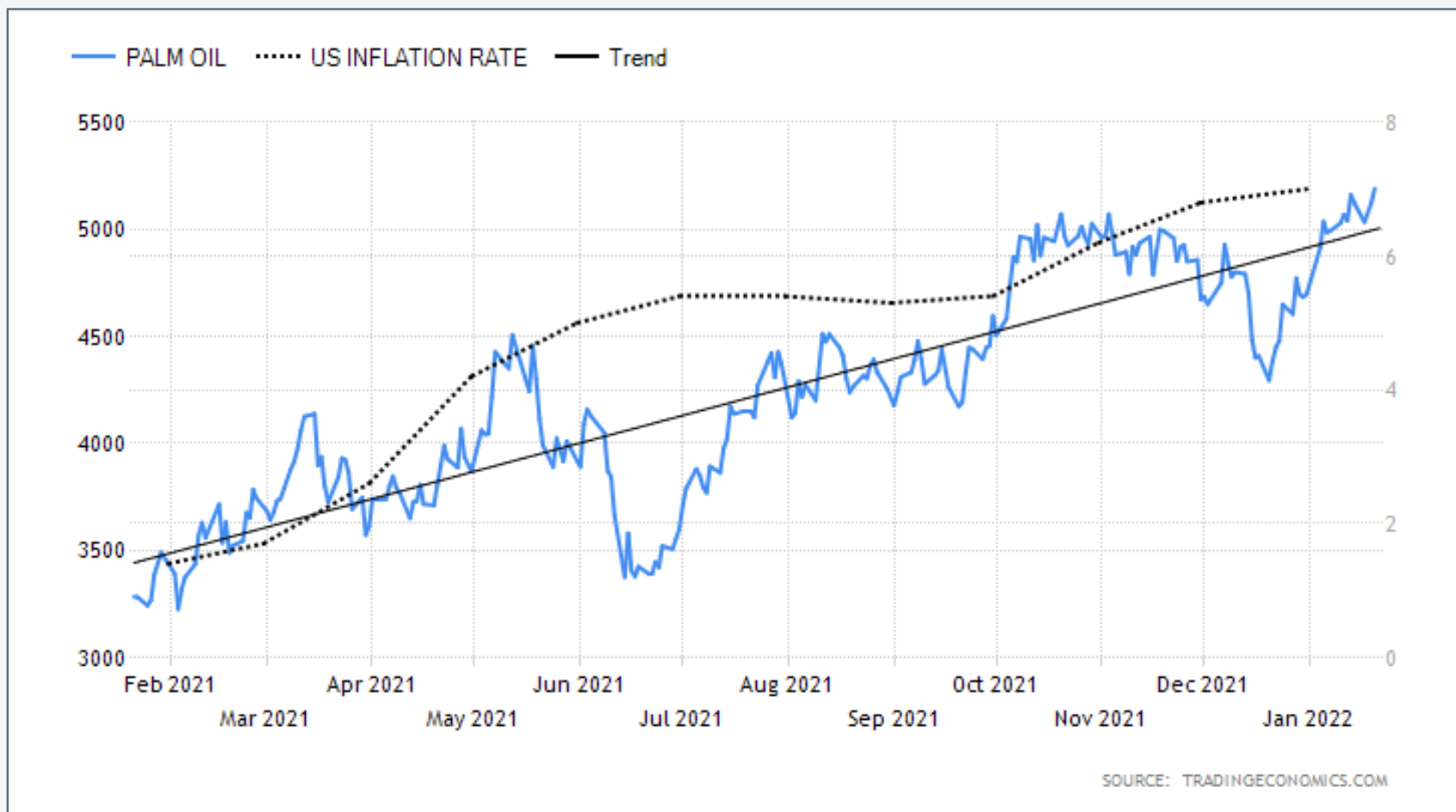
MONTH	OPTIONS	CHART	LAST	CHANGE	PRIOR SETTLE	OPEN	HIGH	LOW	VOLUME	UPDATED
 FEB 2022 CLG2	 OPT		86.75	-0.21 (-0.24%)	86.96	86.23	87.82	86.00	9,905	12:40:55 CT 20 Jan 2022
 MAR 2022 CLH2	 OPT		85.86	+0.06 (+0.07%)	85.80	85.06	87.10	84.73	407,155	12:40:57 CT 20 Jan 2022
 APR 2022 CLJ2	 OPT		84.91	+0.12 (+0.14%)	84.79	84.02	85.94	83.69	164,105	12:40:57 CT 20 Jan 2022
 MAY 2022 CLK2	 OPT		83.99	+0.19 (+0.23%)	83.80	83.04	84.88	82.71	69,847	12:40:56 CT 20 Jan 2022
 JUN 2022 CLM2	 OPT		83.07	+0.25 (+0.30%)	82.82	82.15	83.84	81.75	76,601	12:40:57 CT 20 Jan 2022
 JUL 2022 CLN2	 OPT		82.11	+0.24 (+0.29%)	81.87	81.18	82.84	81.05	25,302	12:40:57 CT 20 Jan 2022

Slight price reduction expected mid Q1 '22 but recover through Q2'22

Price trends to remain subjected to OPEC production



Palm Oil Market



53% Increase from Feb '21 – Jan '22

Price decrease in early Jan'22 but showing continuous recovery.

Indonesia and Malaysia constitute 85% of the world's palm oil supply, The Indonesian Trade Ministry will require exporters of the palm oil to obtain permits for their shipments starting January 24th, in order to contain a spike in cooking oil prices.



Palm Oil Market

USD MALAYSIAN CRUDE PALM OIL CALENDAR FUTURES – QUOTES

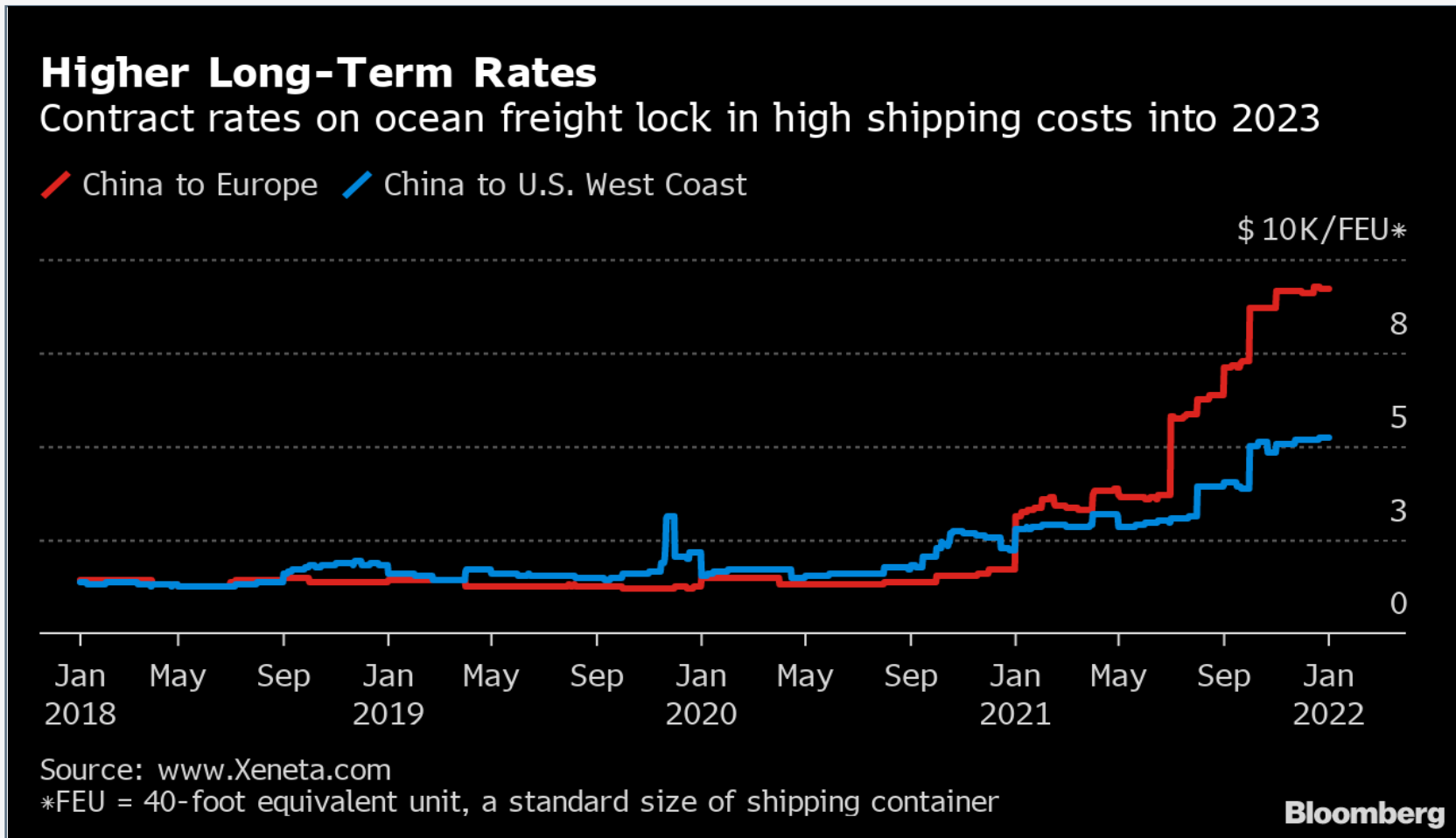
MONTH	OPTIONS	CHART	LAST	CHANGE	PRIOR SETTLE	OPEN	HIGH	LOW	VOLUME	UPDATED
 JAN 2022 CP0F2			-	-	1209.50	-	-	-	0	09:01:51 CT 20 Jan 2022
 FEB 2022 CP0G2			-	-	1205.50	-	-	-	0	09:01:51 CT 20 Jan 2022
 MAR 2022 CP0H2			-	-	1169.25	-	-	-	0	09:01:51 CT 20 Jan 2022
 APR 2022 CP0J2			-	-	1136.00	-	-	-	0	09:01:51 CT 20 Jan 2022
 MAY 2022 CP0K2			-	-	1102.75	-	-	-	0	09:01:51 CT 20 Jan 2022
 JUN 2022 CP0M2			-	-	1078.50	-	-	-	0	09:01:51 CT 20 Jan 2022

Continued Price decrease until Q2'22



Transportation

Historical freight rates from China to USA and Europe



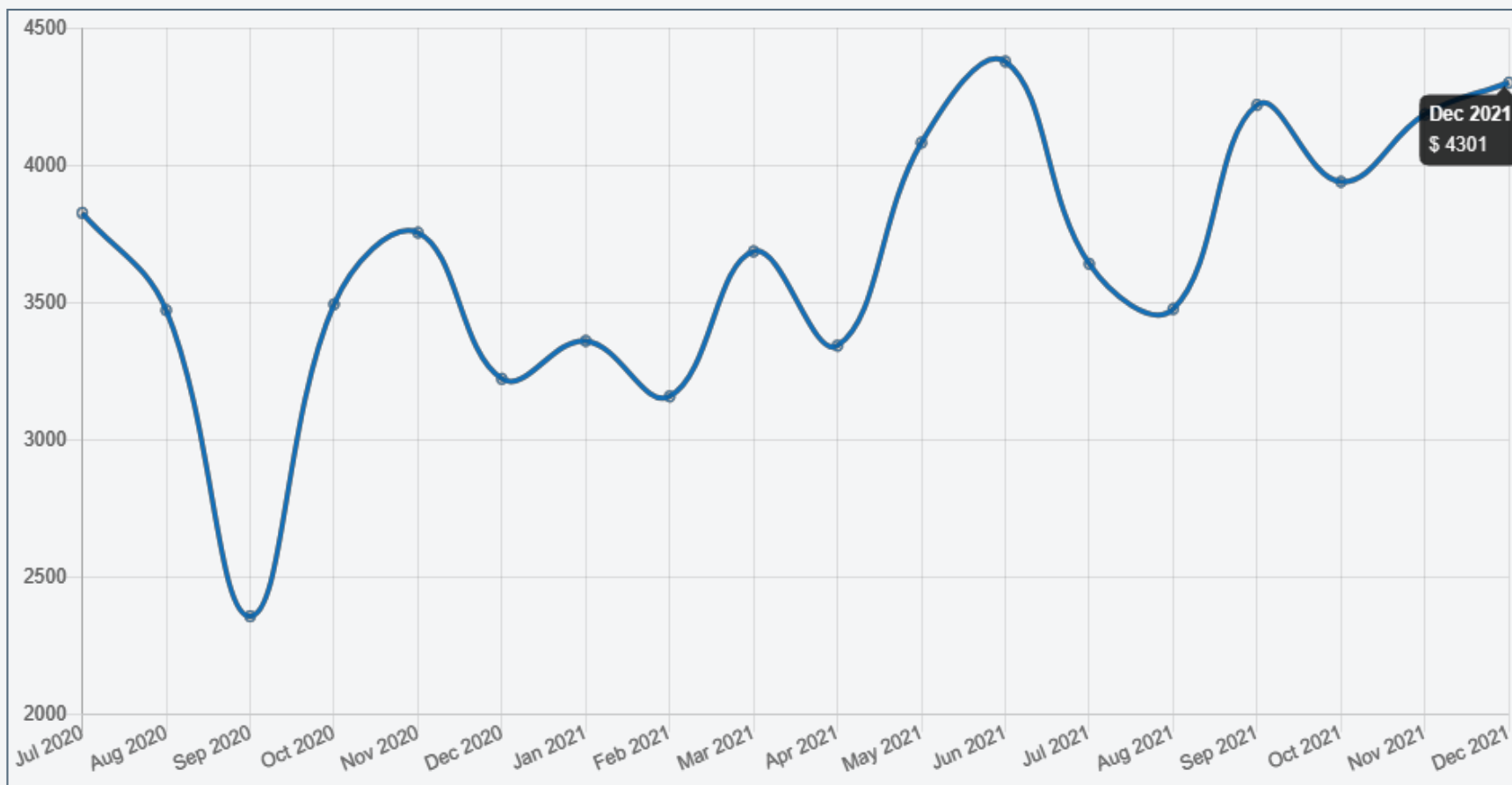
Prince increase since Q4'20

Considerable raise continues in through all 2021 and probably until 2023



Transportation

Historical freight rates from USA to Spain

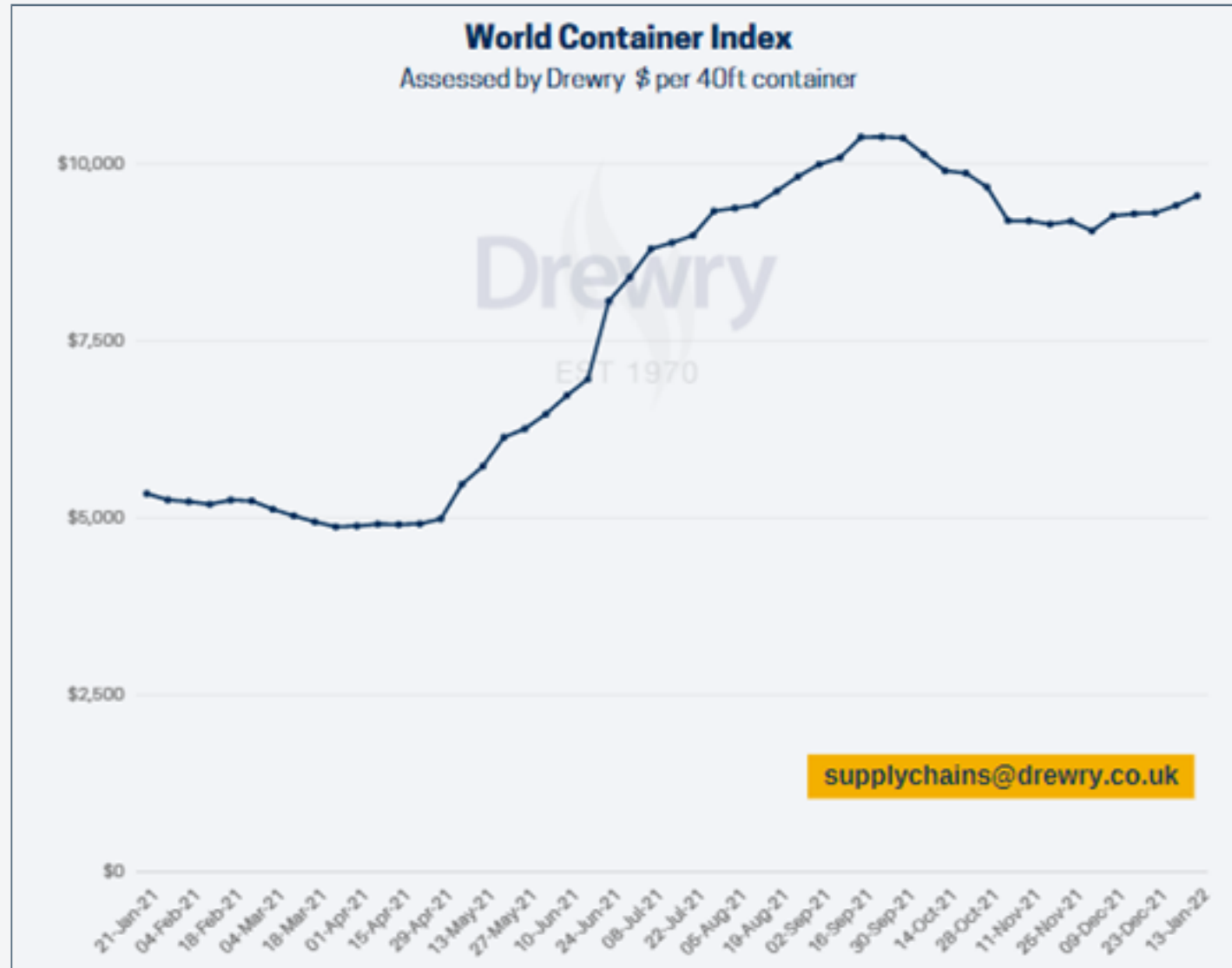


Increase over
56% Q2'21 for
USA - Europe

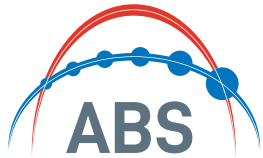
Increase in cost
for Dec'21



Transportation



The composite index increased by 1.4% this week, and, remains 82% higher than a year ago



Summary

Commodity prices continue to show variances.

- Metal prices: Steel, Iron Ore, Aluminum, and Copper prices continue to recover in Jan '22 after decrease in mid- Q4'21.
- Crude Oil prices increase rapidly in Jan '22 after decline in Dec'21.
- Sugar and Palm oil prices start to recover.

Supply Chain Crisis situation:

- Container prices from Asia to the USA are still over 500% higher from Jan '21 to date.
- Consolidated services (LCL) have also risen at least 300% in price from Jan '21 to date.
- Shipping times for LCL increased 46% from Dec '20 to Dec '21.
- Prices on major east-west trade routes have increased by 80% year on year.
- Omicron variant is leading to more staff shortages as people take sick leave and suppliers navigate new restrictions. China's zero-COVID strategy is likely to continue to disrupt both production and transportation of goods, possibly for the entire year.