



# ALL STAR CHARTS

## Currency Report

*(EOD Data as of November 25, 2022)*

# ALL STAR CHARTS COMMITMENT OF TRADERS HEATMAP

Data As Of  
11/22/2022

	Commercial Hedgers								Open Interest				
	Net Position	Position As % of 3yr Range	Wk. Change	Prior Wk Position	4 Wk. Change	3-Year Long	Record Long	3-Year Short	Record Short	Current	WK. Change	Prior Wk	4 Wk. Change
<b>Energy</b>													
Crude Oil	(314,556)	95.0%	↑ 23,641	(338,197)	↓ (301)	(296,803)	66,514	(652,384)	(811,538)	1,851,951	↓ (260,436)	2,112,386	↓ (200,461)
Brent Crude	24,266	34.0%	↑ 3,311	20,955	↓ (15,336)	66,431	66,431	2,515	(5,143)	159,633	↑ 10,514	149,119	↓ (22,188)
Heating Oil	(45,313)	24.4%	↑ 1,810	(47,123)	↓ (6,865)	26,439	31,626	(68,490)	(94,450)	286,236	↑ 3,054	283,181	↑ 6,100
Natural Gas	143,342	76.2%	↑ 22,977	120,365	↑ 9,494	218,728	242,713	(98,017)	(98,017)	996,084	↑ 5,841	990,244	↑ 9,328
RBOB Gasoline	(59,620)	74.4%	↓ (4,105)	(55,515)	↓ (8,355)	(32,615)	(1,306)	(138,234)	(138,234)	265,026	↓ (869)	265,895	↑ 27,029
<b>Metals</b>													
Copper	(5,458)	63.7%	↑ 8,278	(13,736)	↓ (20,364)	41,278	59,050	(87,302)	(87,302)	166,623	↓ (26,472)	193,095	↓ (27,823)
Gold	(138,888)	77.9%	↑ 8,243	(147,131)	↓ (66,407)	(56,998)	85,268	(426,732)	(426,732)	570,841	↓ (113,284)	684,124	↓ (36,120)
Silver	(28,295)	70.0%	↑ 2,935	(31,230)	↓ (18,880)	4,310	13,967	(104,508)	(118,943)	147,153	↓ (29,020)	176,174	↓ (19,609)
Platinum	(27,203)	61.5%	↓ (46)	(27,157)	↓ (12,148)	4,601	5,248	(77,942)	(77,941)	64,276	↑ 312	63,963	↑ 7,702
Palladium	1,186	80.9%	↓ (50)	1,236	↓ (1,042)	4,511	4,354	(12,876)	(30,209)	7,797	↓ (1,002)	8,799	↑ 454
<b>Grains</b>													
Corn	(183,817)	46.4%	↑ 2,641	(186,458)	↑ 73,906	216,924	255,612	(531,098)	(531,098)	1,766,134	↓ (85,072)	1,851,206	↓ (96,453)
Soybeans	(44,946)	64.1%	↑ 7,650	(52,596)	↓ (5,529)	75,359	172,227	(259,697)	(259,697)	718,082	↑ 6,435	711,647	↓ (3,564)
Soybean Oil	(113,411)	27.7%	↑ 11,618	(125,029)	↓ (7,033)	81	72,519	(156,907)	(178,489)	520,069	↓ (16,509)	536,578	↑ 37,146
Soybean Meal	(116,668)	19.8%	↑ 2,676	(119,344)	↑ 19,532	39,533	58,767	(155,229)	(185,399)	433,521	↓ (7,399)	440,919	↑ 6,840
Chi. Wheat	35,346	76.9%	↑ 2,277	33,069	↑ 11,939	58,546	134,092	(41,948)	(52,983)	443,433	↑ (5,019)	448,452	↑ 31,485
K.C. Wheat	(13,722)	44.7%	↑ 3,838	(17,560)	↑ 6,916	42,670	45,419	(59,362)	(92,240)	165,174	↓ (8,804)	173,978	↓ (9,808)
Minn. Wheat	(1,199)	61.3%	↓ (1,141)	(58)	↑ 3,195	20,054	22,200	(34,829)	(34,829)	45,442	↓ (3,461)	48,903	↓ (12,755)
<b>Livestock</b>													
Live Cattle	(69,231)	33.6%	↓ (6,117)	(63,114)	↑ 7,610	(11,940)	29,877	(98,197)	(140,692)	354,749	↑ 6,605	348,144	↑ 8,083
Feeder Cattle	7,149	70.9%	↑ 8,126	8,126	↓ (961)	10,898	10,898	(1,979)	(6,339)	53,996	↑ (7,537)	61,534	↓ (7,694)
Lean Hogs	(35,411)	68.1%	↑ 2,811	(38,222)	↑ 3,262	(8,923)	33,882	(91,917)	(106,301)	264,489	↑ 5,290	259,198	↑ 7,591
<b>Softs</b>													
Cocoa	(5,201)	71.0%	↑ 11,635	(16,836)	↓ (26,337)	27,476	35,241	(85,075)	(95,012)	310,495	↓ (11,974)	322,469	↓ (59,925)
Coffee	15,753	100.0%	↑ 2,811	12,942	↑ 24,085	15,753	93,948	(76,944)	(76,944)	253,918	↑ 4,981	248,937	↓ (14,926)
Cotton	(17,983)	78.4%	↑ 1,971	(19,954)	↓ (15,495)	38,991	38,991	(139,287)	(140,758)	258,959	↓ (8,347)	267,305	↓ (92,099)
Sugar	(250,244)	26.0%	↓ (39,559)	(210,685)	↓ (123,097)	83,040	191,053	(367,293)	(408,762)	1,047,015	↑ 38,104	1,008,911	↑ 190,875
Lumber	988	93.1%	↓ (123)	1,111	↑ 670	1,192	2,245	(1,769)	(5,069)	2,364	↓ (23)	2,387	↑ 1
Orange Juice	(5,877)	16.0%	↓ (230)	(5,647)	↑ 255	5,054	8,247	(7,957)	(26,358)	12,093	↓ (234)	12,327	↓ (54)
<b>Treasury Bonds</b>													
US10Y	361,185	71.0%	↓ (53,476)	414,661	↑ 11,864	594,835	854,395	(211,165)	(572,683)	5,156,536	↑ 75,371	5,081,165	↑ 558,433
US30Y	58,448	37.2%	↓ (35,381)	93,829	↓ (4,773)	245,436	255,085	(22,122)	(138,851)	1,447,535	↑ 49,793	1,397,742	↑ 48,595
<b>Currencies</b>													
Dollar Index	(27,889)	31.5%	↑ 2,014	(29,903)	↑ 6,481	15,335	28,376	(47,727)	(100,848)	47,835	↓ (684)	48,519	↓ (11,358)
Euro	(167,037)	28.6%	↓ (6,816)	(160,221)	↓ (65,612)	91,985	276,880	(270,986)	(270,986)	789,443	↓ (8,742)	798,185	↑ 21,549
Canadian Dollar	14,995	81.2%	↓ (1,209)	16,204	↓ (5,016)	38,035	112,295	(84,825)	(139,333)	152,102	↓ (5,967)	158,069	↓ (18,488)
Australian Dollar	50,648	56.6%	↓ (3,758)	54,406	↓ (14,464)	108,834	109,441	(25,302)	(118,940)	168,686	↓ (2,694)	171,380	↓ (10,526)
Japanese Yen	72,583	69.2%	↑ 3,085	69,498	↓ (46,785)	138,352	190,891	(75,326)	(85,622)	255,327	↓ (9,930)	265,257	↓ (48,148)
British Pound	48,738	68.9%	↑ 701	48,037	↓ (18,574)	94,652	126,471	(53,046)	(112,894)	258,875	↓ (7,883)	266,758	↓ (33,111)
Swiss Franc	18,193	72.7%	↓ (2,180)	20,373	↓ (4,594)	35,450	92,876	(27,822)	(57,227)	47,199	↓ (494)	47,693	↓ (3,489)
<b>Cryptocurrency</b>													
Bitcoin	(576)	26.6%	↓ (64)	(512)	↓ (346)	730	604	(1,050)	(754)	21,184	↑ 1,167	20,017	↑ 5,122

\* The data in the table above includes both options and futures positioning \*

# Currency Performance Table

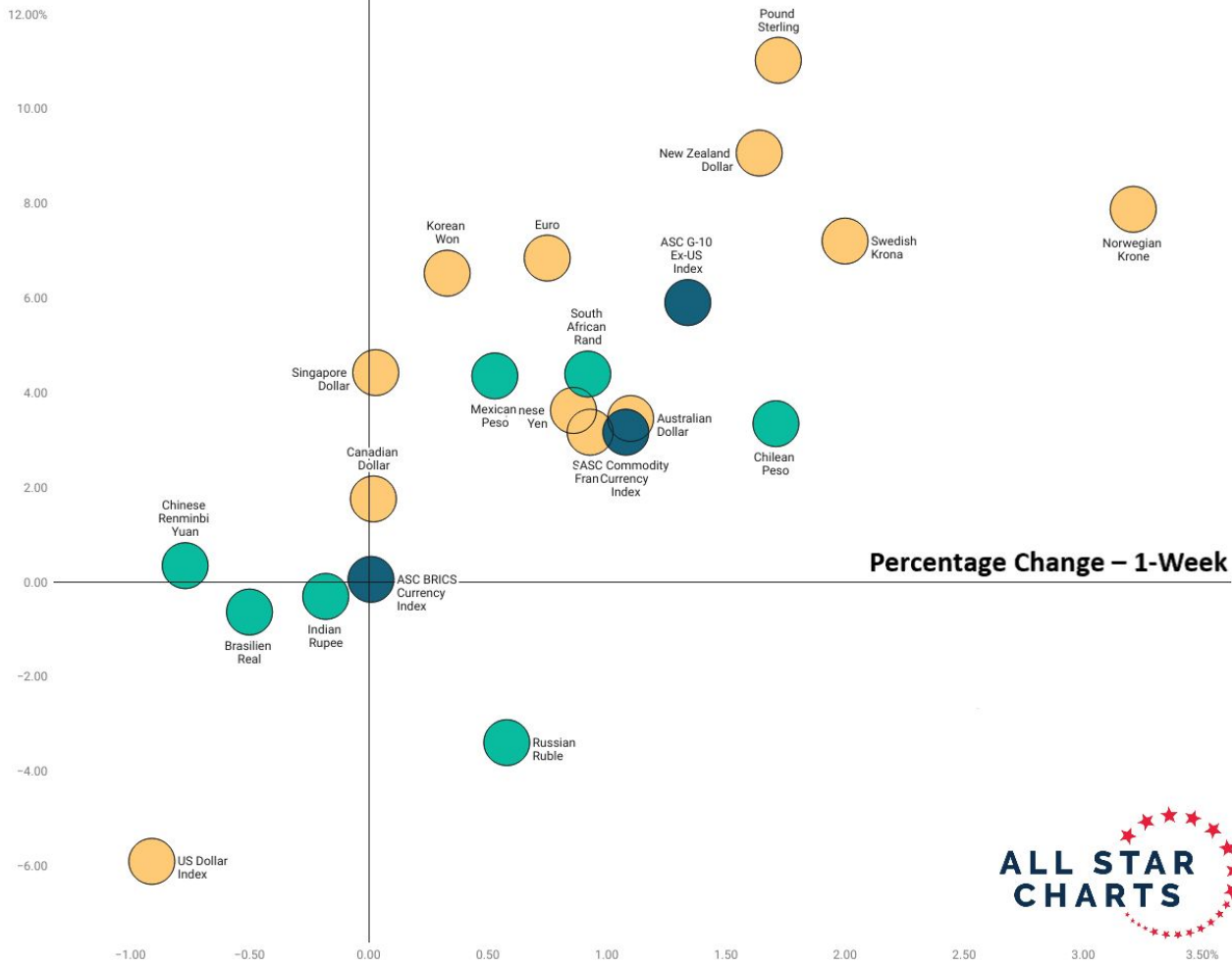
ALL STAR CHARTS

Name	Current Price	1-Wk. Change	1-Mo. Change	3-Mo. Change	6-Mo. Change	1-Yr. Change	3-Yr. Change
Norwegian Krone-Swedish Krona - NOK/SEK	1.0563	0.59%	0.09%	-3.60%	2.57%	4.14%	0.61%
Mexican Peso - MXN	0.0517	0.23%	2.79%	3.07%	2.53%	11.89%	0.54%
Euro-Yen - EUR/JPY	144.669	0.23%	-1.89%	6.28%	6.43%	11.88%	20.62%
Sterling-Yen - GBP/JPY	168.249	0.19%	-0.89%	4.16%	5.07%	9.47%	19.75%
Norwegian Krone - NOK	0.1012	0.19%	5.09%	-2.21%	-3.11%	-9.23%	-7.12%
Aussie-Yen - AUD/JPY	93.948	0.17%	-0.69%	-1.38%	4.14%	13.27%	27.26%
EM Currencies ETF (CEW)	16.53	0.13%	4.11%	0.25%	-2.99%	-4.31%	-10.57%
US Dollar Index	106.04	0.08%	-4.18%	-2.54%	4.30%	10.36%	7.75%
Euro-Pound - EUR/GBP	0.8599	0.04%	-1.01%	2.04%	1.30%	2.22%	0.73%
Indian Rupee - INR	0.0122	0.00%	0.95%	-2.19%	-5.11%	-8.77%	-12.22%
Singapore Dollar - SGD	0.7269	-0.01%	3.00%	0.99%	-0.07%	-0.52%	-0.79%
Euro - EUR	1.0402	-0.10%	4.37%	4.29%	-2.61%	-7.20%	-5.53%
Pound Sterling - GBP	1.2093	-0.20%	5.42%	2.18%	-3.86%	-9.22%	-6.25%
ASC G-10 Ex-US Index	0.32	-0.22%	5.18%	-0.11%	-3.82%	-8.60%	-5.39%
Russian Ruble - RUB	0.0165	-0.22%	2.89%	-0.21%	-0.25%	23.25%	5.67%
New Zealand Dollar - NZD	0.6251	-0.24%	8.60%	0.42%	-3.53%	-8.83%	-2.59%
Australian Dollar - AUD	0.6748	-0.26%	5.55%	-3.33%	-4.88%	-6.14%	-0.44%
Swedish Krona - SEK	0.0958	-0.29%	5.07%	1.51%	-5.44%	-12.92%	-7.56%
Chinese Renminbi Yuan	0.1394	-0.3300%	1.8100%	-4.5500%	-6.7300%	-10.9900%	-1.9400%
Swiss Franc - CHF	1.0572	-0.33%	5.11%	1.85%	1.79%	-1.06%	5.39%
Canadian Dollar - CAD	0.7472	-0.35%	1.69%	-3.43%	-4.23%	-5.49%	-0.63%
Japanese Yen - JPY	0.0072	-0.41%	6.28%	-1.95%	-8.54%	-17.11%	-21.74%
South African Rand - ZAR	0.0585	-0.50%	6.48%	-2.11%	-8.01%	-5.66%	-13.63%
BRICS Currency Index	0.05	-0.54%	2.05%	-2.94%	-6.25%	-0.58%	-9.30%
Commodity Currency Index	0.09	-0.61%	4.13%	-2.40%	-5.67%	-3.10%	-6.76%
Brazilian Real - BRL	0.1848	-1.64%	-1.73%	-5.54%	-10.83%	2.89%	-21.87%
Chilean Peso - CLP	0.0011	-1.82%	4.85%	-2.70%	-10.00%	-11.48%	-10.49%

\* All currencies denominated in USD unless otherwise noted

● Index ● Emerging ● Developed

### Percentage Change Since 28<sup>th</sup> September 2022



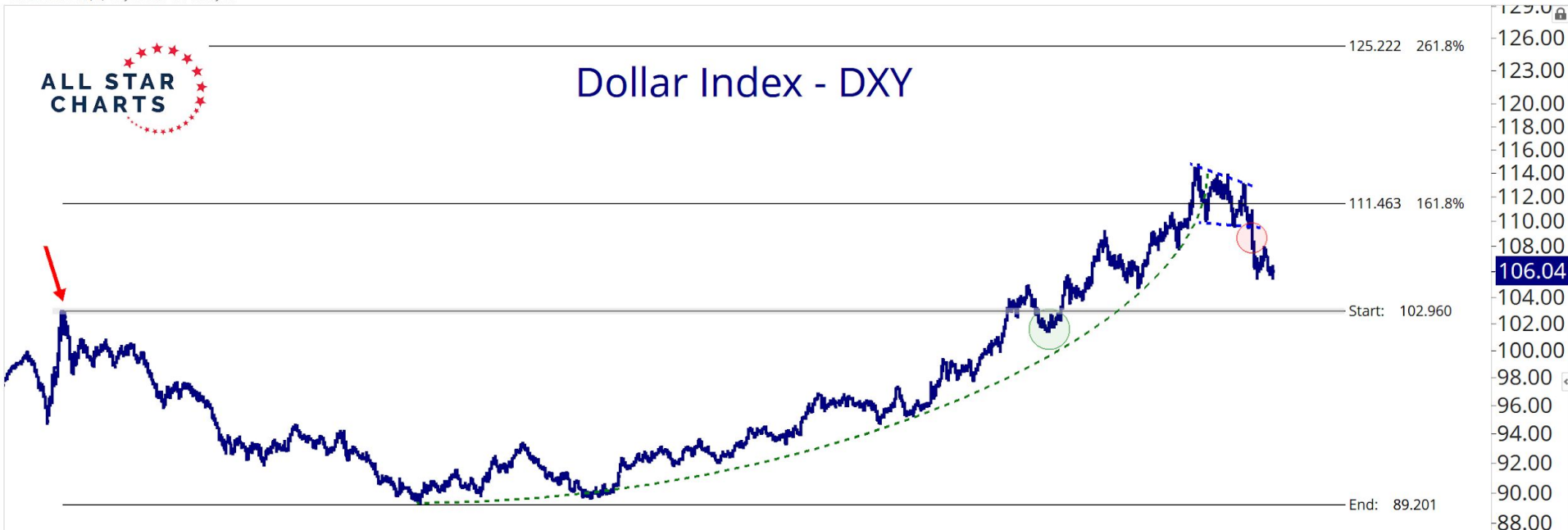


# US Dollar Index - DXY





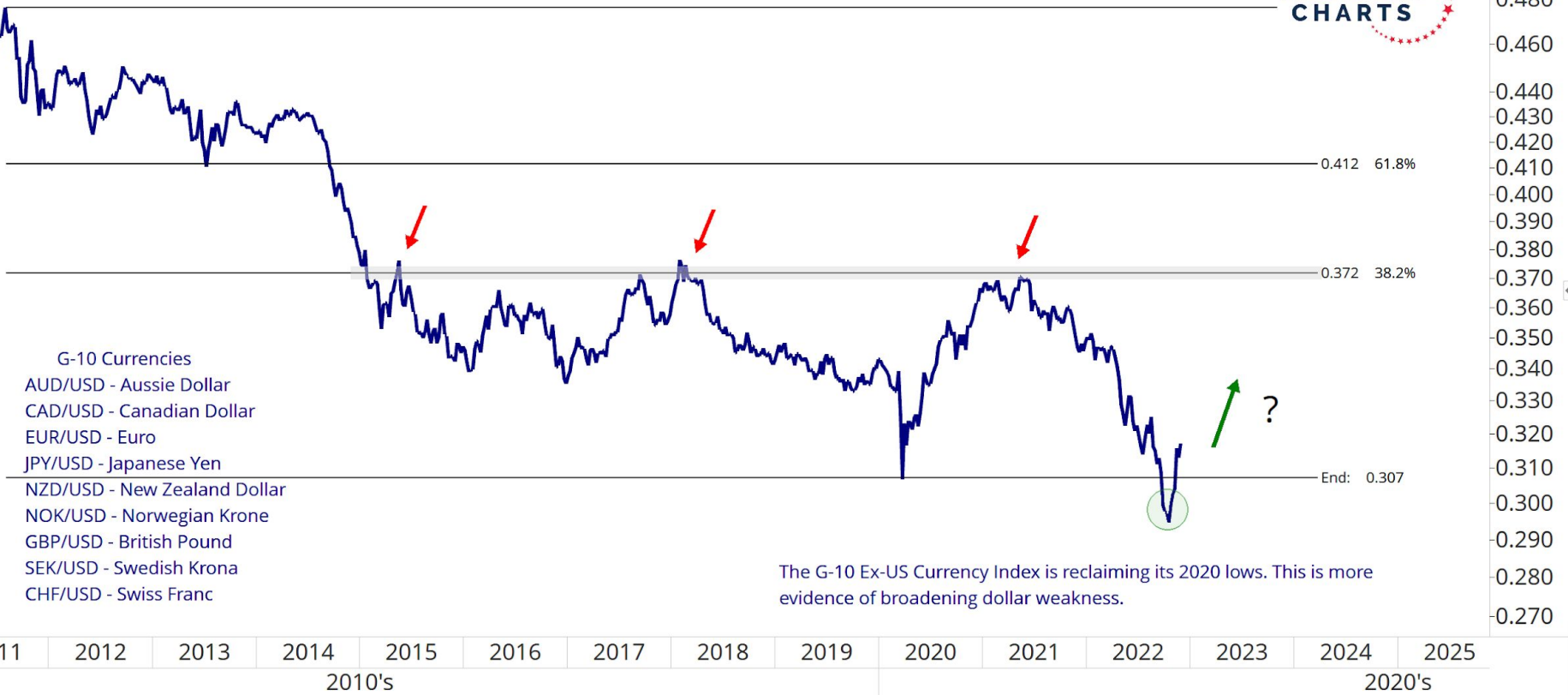
# Dollar Index - DXY



14 Period RSI



# ASC G-10 Ex-US Currency Index



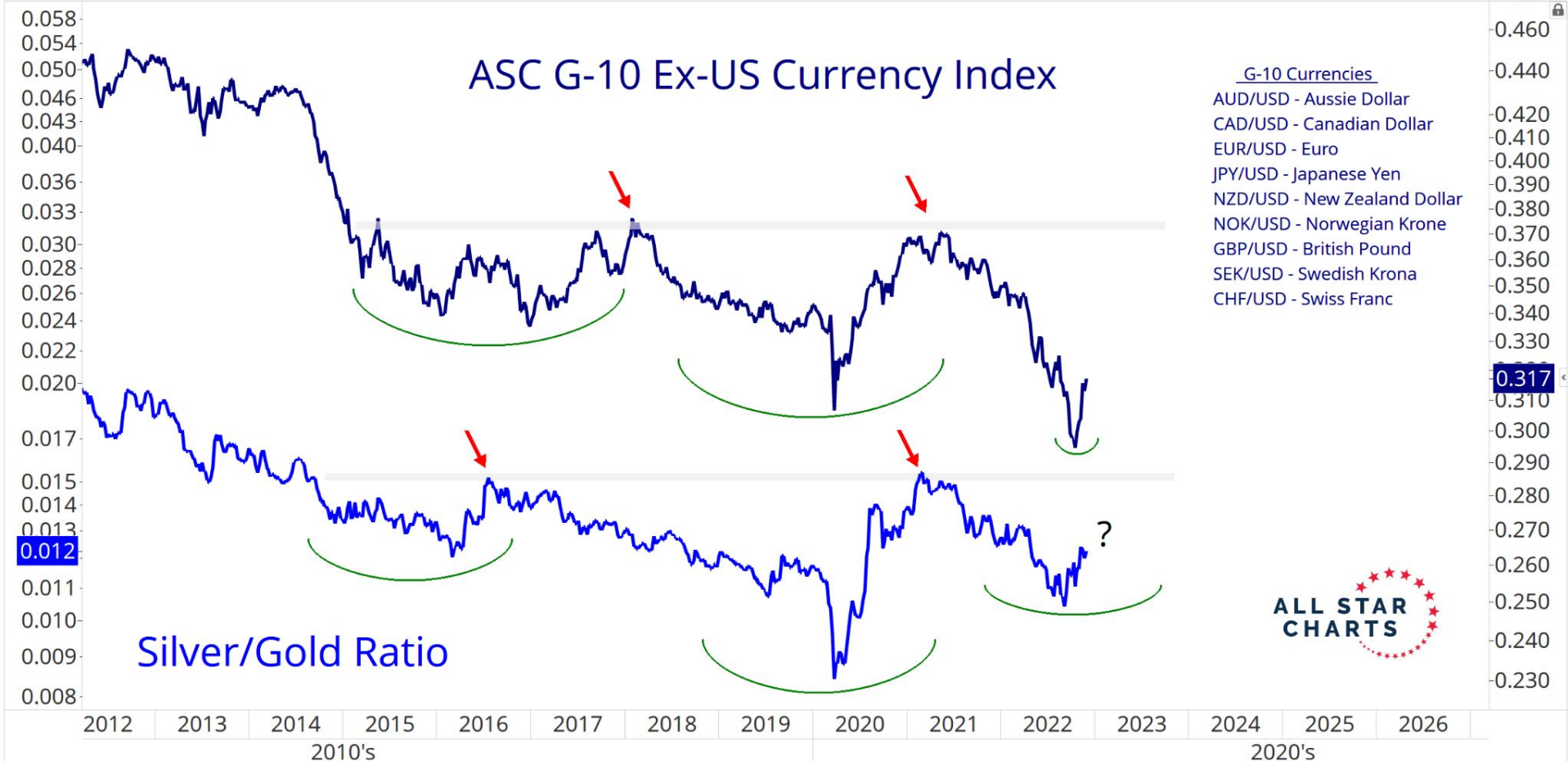
- G-10 Currencies
- AUD/USD - Aussie Dollar
  - CAD/USD - Canadian Dollar
  - EUR/USD - Euro
  - JPY/USD - Japanese Yen
  - NZD/USD - New Zealand Dollar
  - NOK/USD - Norwegian Krone
  - GBP/USD - British Pound
  - SEK/USD - Swedish Krona
  - CHF/USD - Swiss Franc

The G-10 Ex-US Currency Index is reclaiming its 2020 lows. This is more evidence of broadening dollar weakness.

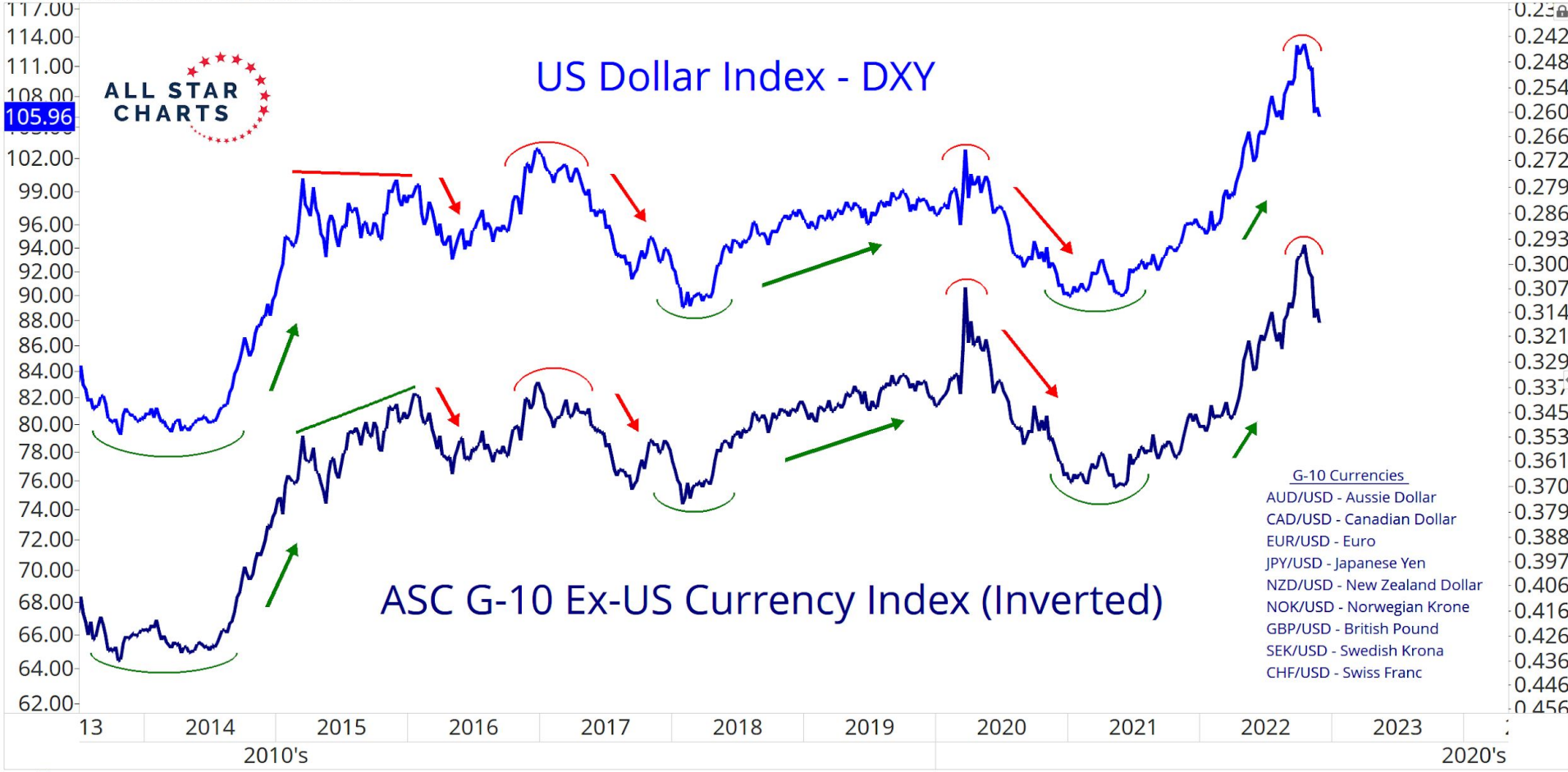
# ASC G-10 Ex-US Currency Index

## G-10 Currencies

- AUD/USD - Aussie Dollar
- CAD/USD - Canadian Dollar
- EUR/USD - Euro
- JPY/USD - Japanese Yen
- NZD/USD - New Zealand Dollar
- NOK/USD - Norwegian Krone
- GBP/USD - British Pound
- SEK/USD - Swedish Krona
- CHF/USD - Swiss Franc







# US Dollar Index - DXY



Optima

116.00  
112.00  
108.00  
**105.96**  
104.00  
100.00  
96.00  
92.00  
88.00  
85.00

DXY Weighting

Euro - 57.6%	Japanese Yen - 13.6%
British Pound - 11.9%	Canadian Dollar - 9.1%
Swedish Krona - 4.2%	Swiss Franc - 3.6%

# G-10 Currency Index (Inverted)

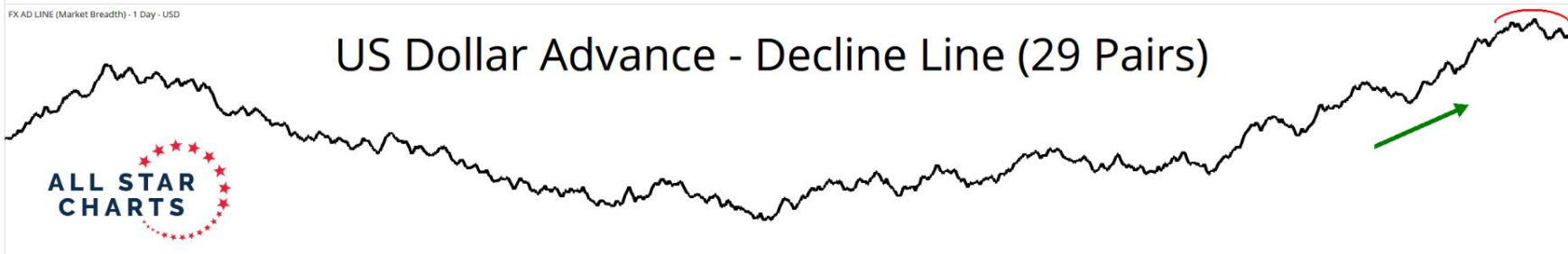


0.285  
0.295  
**0.317**  
0.306  
0.329  
0.341  
0.353  
0.366  
0.379  
0.393

G-10 Currencies

AUD/USD - Aussie Dollar	CAD/USD - Canadian Dollar
EUR/USD - Euro	JPY/USD - Japanese Yen
GBP/USD - British Pound	SEK/USD - Swedish Krona
CHF/USD - Swiss Franc	NZD/USD - New Zealand
NOK/USD - Norwegian Krone	

# US Dollar Advance - Decline Line (29 Pairs)



594  
400  
200  
0  
-200



in Mar May Jul Sep Nov Jan Mar May Jul Sep Nov Jan Mar May Jul Sep Nov

2020 2021 2022

November 25, 2022

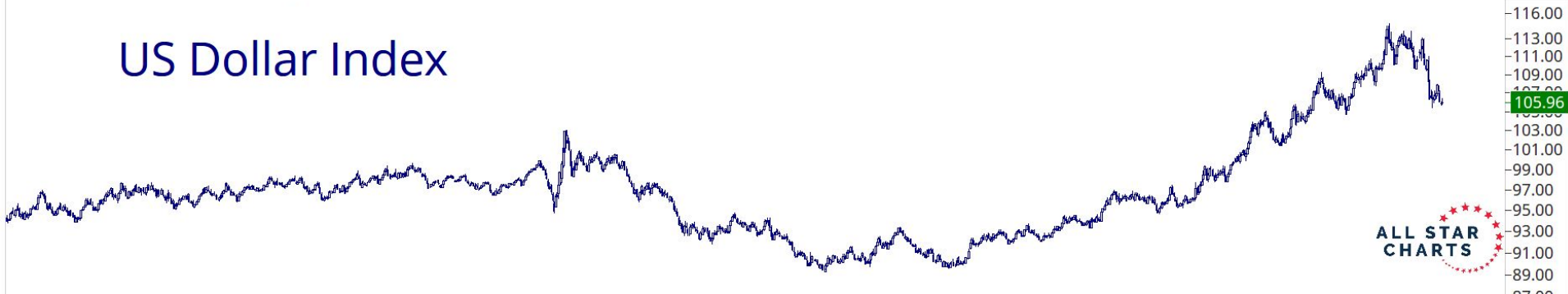
## All Star Charts Trend Summary

ALL STAR CHARTS 

Ticker	Name	Short-Term	Intermediate-Term	Long-Term
USDAUD	US Dollar / Australian Dollar	Bearish	Neutral	Bullish
USDBRL	US Dollar / Brazilian Real	Bullish	Bullish	Bullish
USDCAD	US Dollar / Canadian Dollar	Bearish	Neutral	Bullish
USDCHF	US Dollar / Switzerland Franc	Bearish	Bearish	Neutral
USDEUR	US Dollar / Euro	Bearish	Bearish	Neutral
USDGBP	US Dollar / British Pound Sterling	Bearish	Bearish	Bullish
USDINR	US Dollar / India Rupees	Bearish	Bullish	Bullish
USDJPY	US Dollar / Japanese Yen	Bearish	Neutral	Bullish
USDMXN	US Dollar / Mexican Peso	Bearish	Bearish	Bearish
USDNOK	US Dollar / Norwegian Krone	Bearish	Neutral	Bullish
USDNZD	US Dollar / New Zealand Dollar	Bearish	Bearish	Bullish
USDRUB	US Dollar / Russian Ruble	Bearish	Neutral	Bearish
USDSEK	US Dollar / Swedish Krona	Bearish	Bearish	Bullish
USDSGD	US Dollar / Singapore Dollar	Bearish	Bearish	Neutral
USDZAR	US Dollar / South African Rand	Bearish	Neutral	Bullish

Percentage Bullish:	6.67%	13.33%	66.67%
Percentage Neutral:	0.00%	40.00%	20.00%
Percentage Bearish:	93.33%	46.67%	13.33%

# US Dollar Index



116.00  
113.00  
111.00  
109.00  
107.00  
**105.96**  
103.00  
101.00  
99.00  
97.00  
95.00  
93.00  
91.00  
89.00  
87.00

120.0   
100.00  
80.00  
60.00  
40.00  
20.00  
**6.67**

120.0   
100.00  
80.00  
60.00  
40.00  
20.00  
**13.33**

120.0   
100.00  
80.00  
60.00  
40.00  
20.00  
0.00  
**66.67**

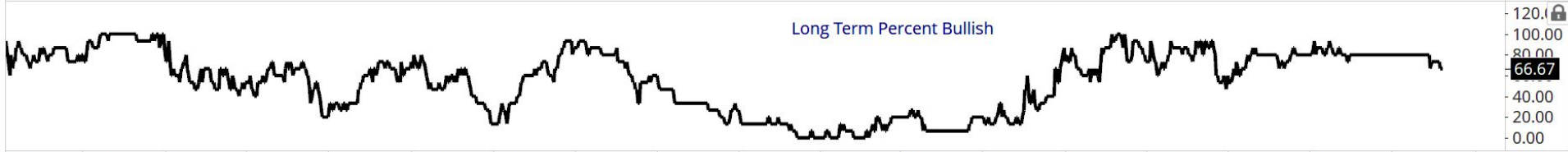
Short Term Percent Bullish



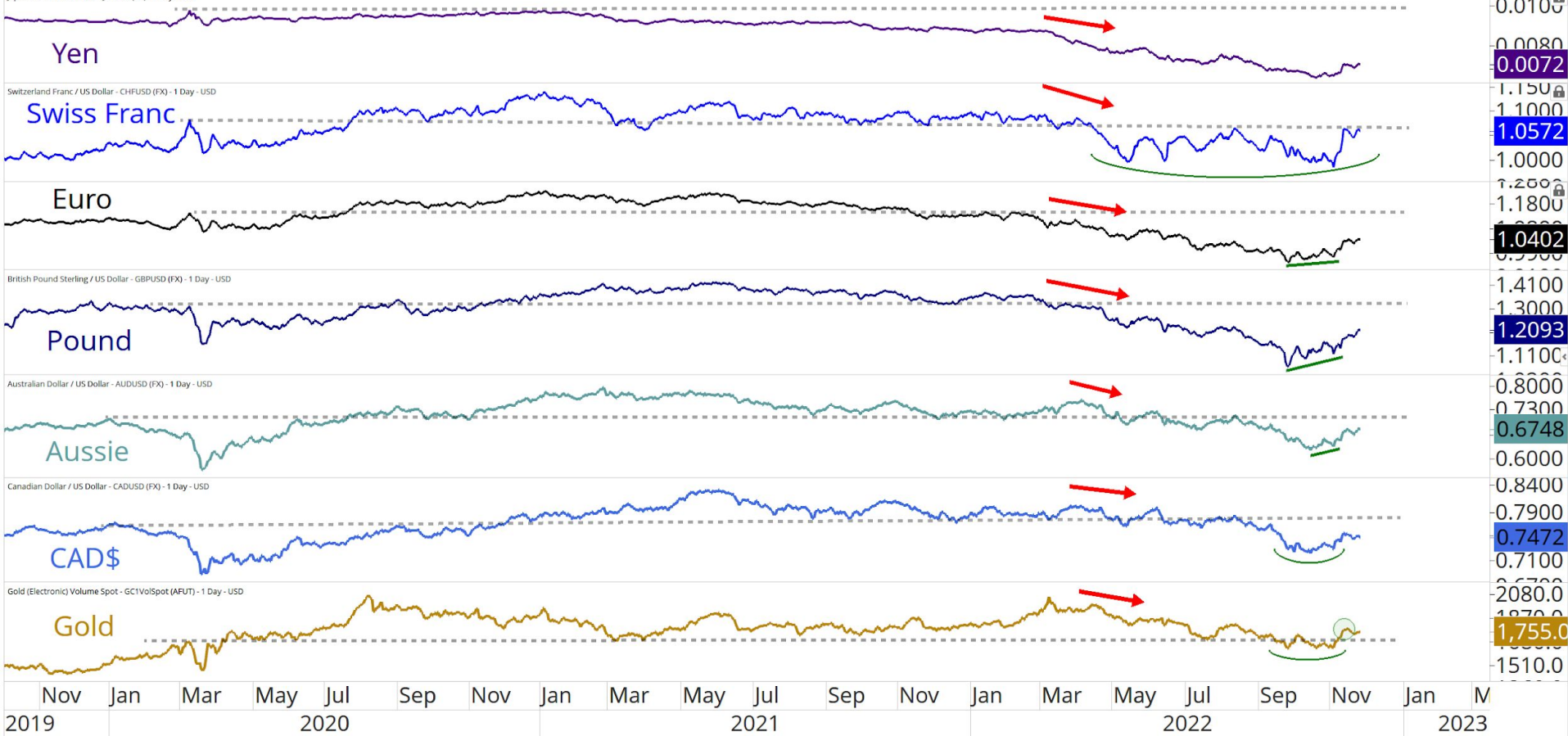
Intermediate Term Percent Bullish



Long Term Percent Bullish





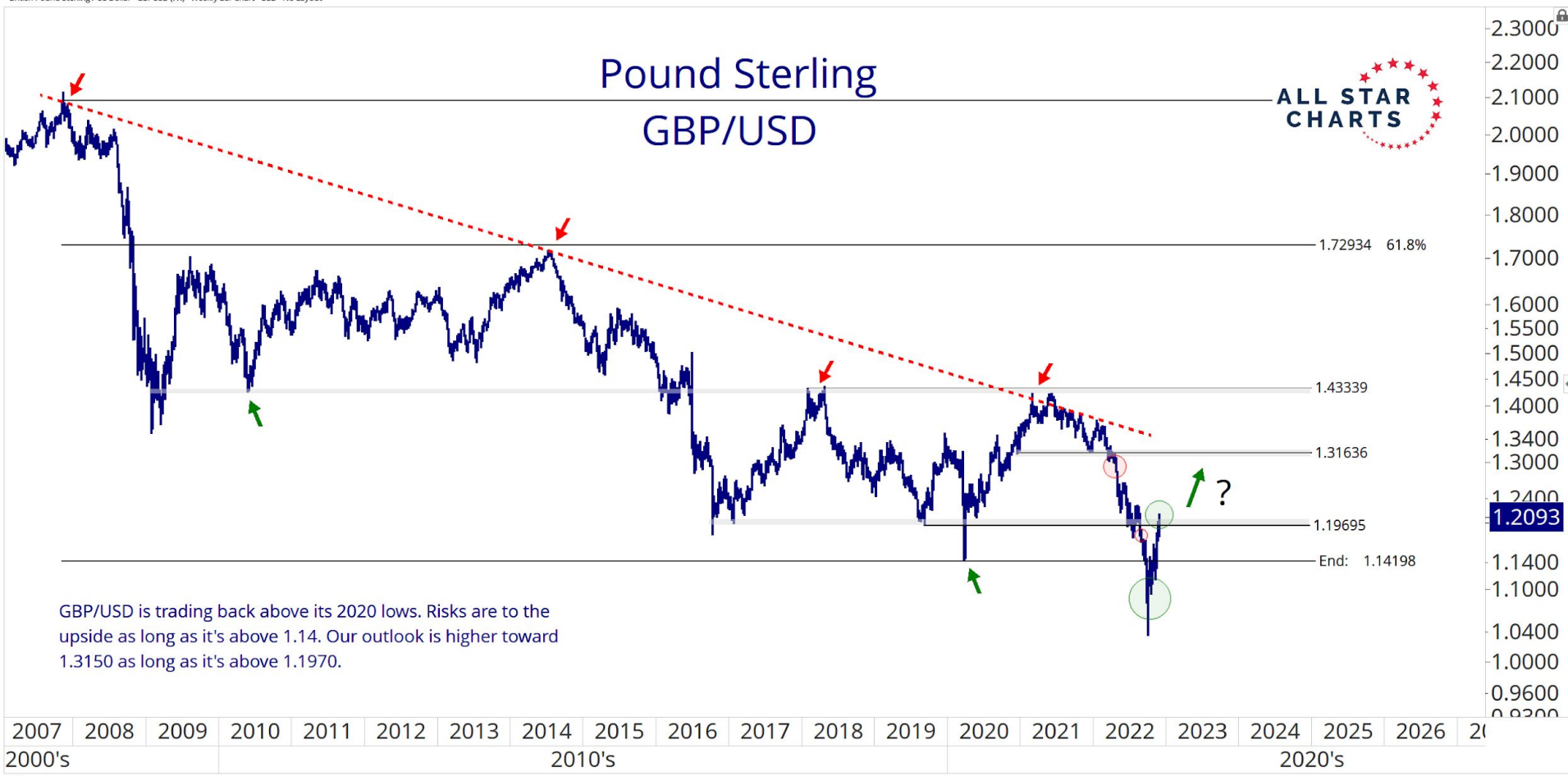


# Euro - EUR/USD



EUR/USD is finding resistance at a shelf of former highs ~1.0350.  
Our bias is currently neutral. If and when it reclaims that key level we like it long toward the July pivot high ~1.08.

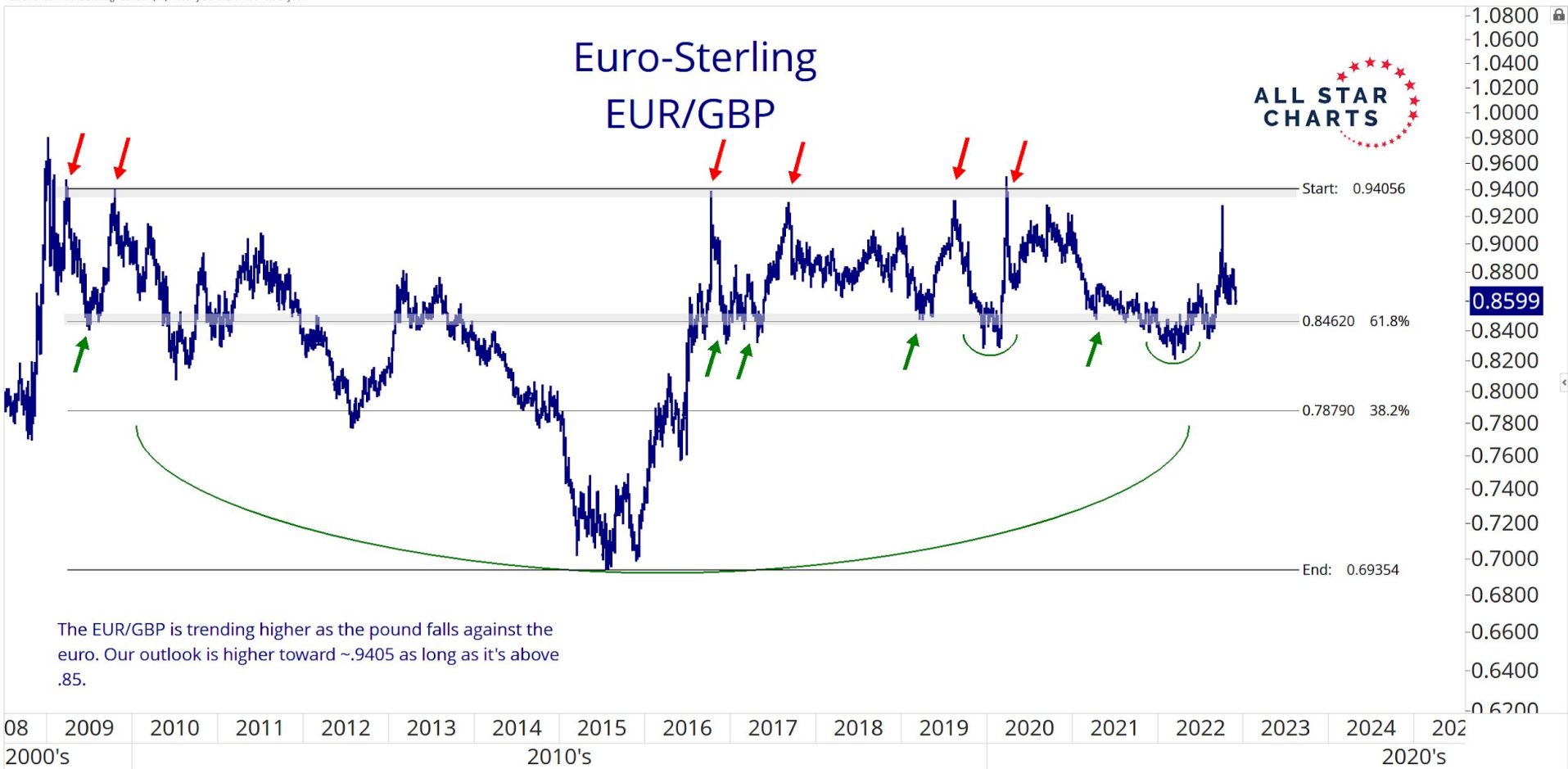
# Pound Sterling GBP/USD



GBP/USD is trading back above its 2020 lows. Risks are to the upside as long as it's above 1.14. Our outlook is higher toward 1.3150 as long as it's above 1.1970.

2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
2000's			2010's						2020's						20					

# Euro-Sterling EUR/GBP

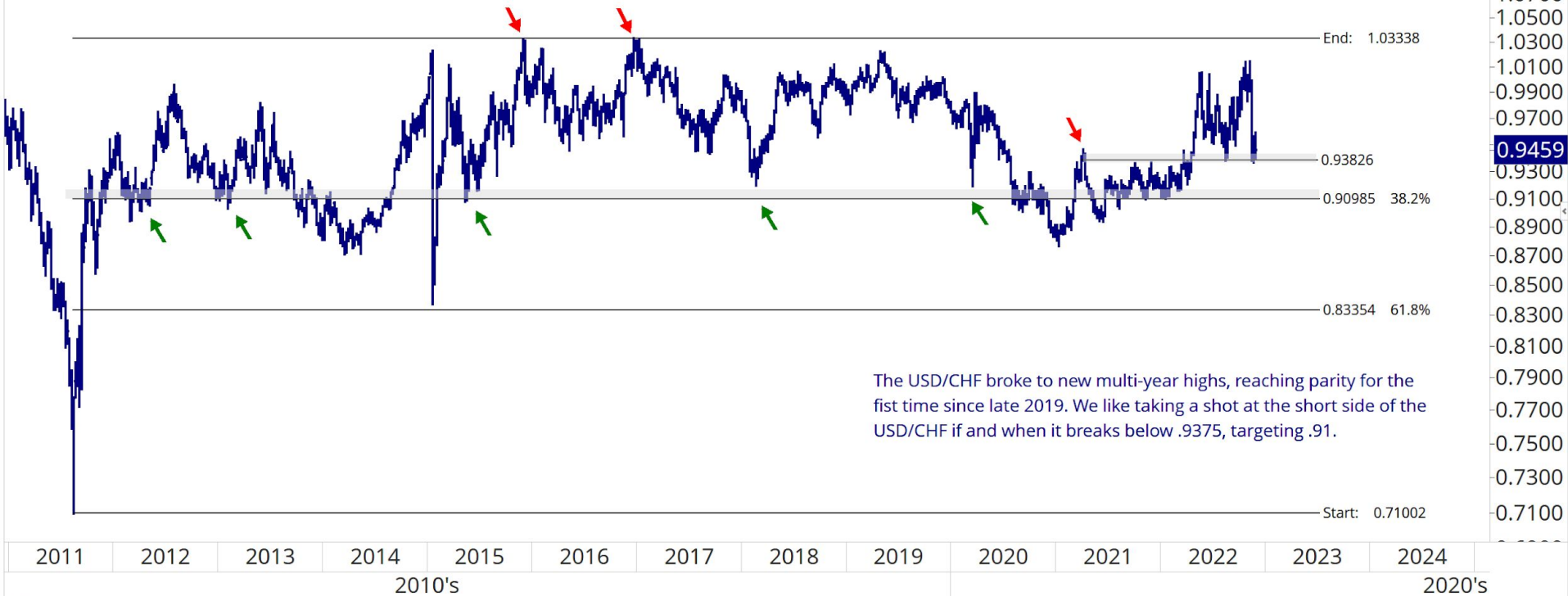


The EUR/GBP is trending higher as the pound falls against the euro. Our outlook is higher toward ~.9405 as long as it's above .85.



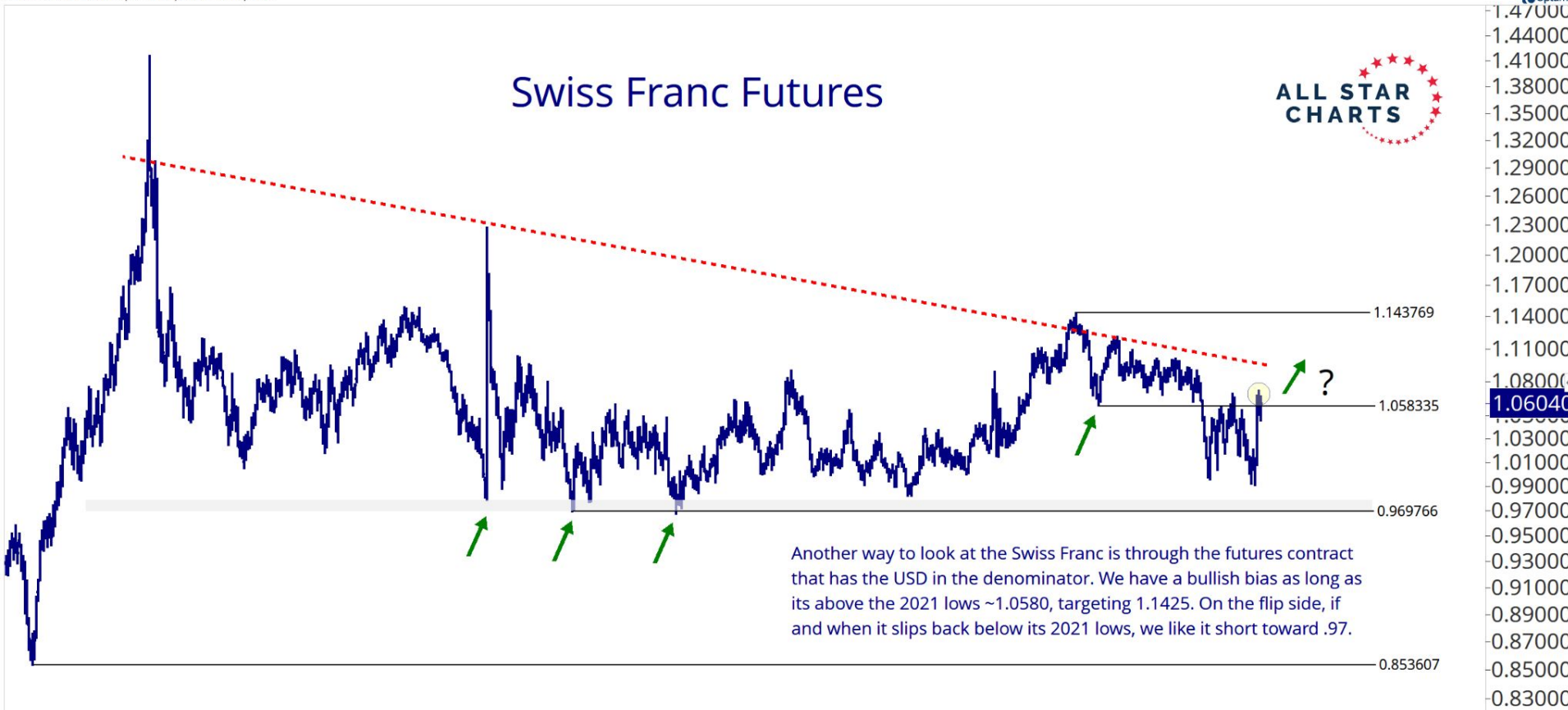


# Dollar-Swiss USD/CHF



The USD/CHF broke to new multi-year highs, reaching parity for the first time since late 2019. We like taking a shot at the short side of the USD/CHF if and when it breaks below .9375, targeting .91.

# Swiss Franc Futures

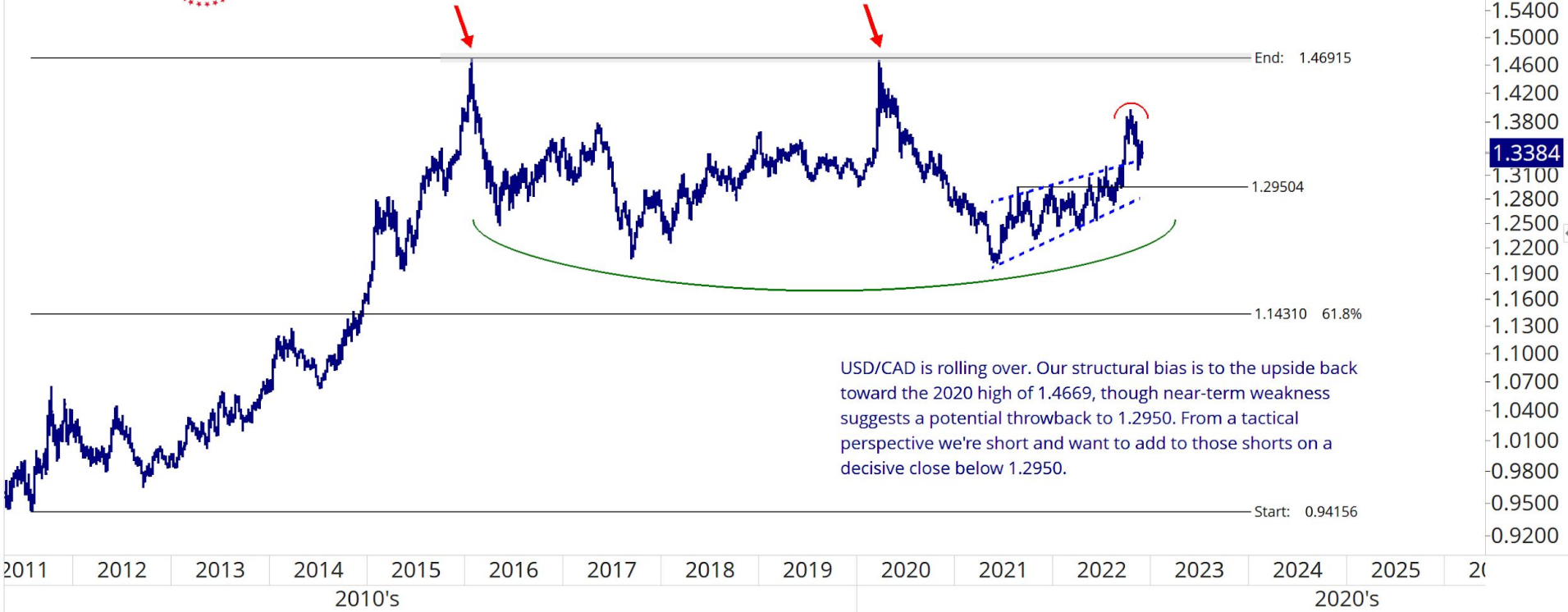


Another way to look at the Swiss Franc is through the futures contract that has the USD in the denominator. We have a bullish bias as long as its above the 2021 lows ~1.0580, targeting 1.1425. On the flip side, if and when it slips back below its 2021 lows, we like it short toward .97.

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
2010's											2020's			



# Dollar-Canada USD/CAD



USD/CAD is rolling over. Our structural bias is to the upside back toward the 2020 high of 1.4669, though near-term weakness suggests a potential throwback to 1.2950. From a tactical perspective we're short and want to add to those shorts on a decisive close below 1.2950.

1.3384

1.7800  
1.7400  
1.7000  
1.6600  
1.6200  
1.5800  
1.5400  
1.5000  
1.4600  
1.4200  
1.3800  
1.3400  
1.3000  
1.2800  
1.2600  
1.2500  
1.2400  
1.2200  
1.1900  
1.1600  
1.1300  
1.1000  
1.0700  
1.0400  
1.0100  
0.9800  
0.9500  
0.9200

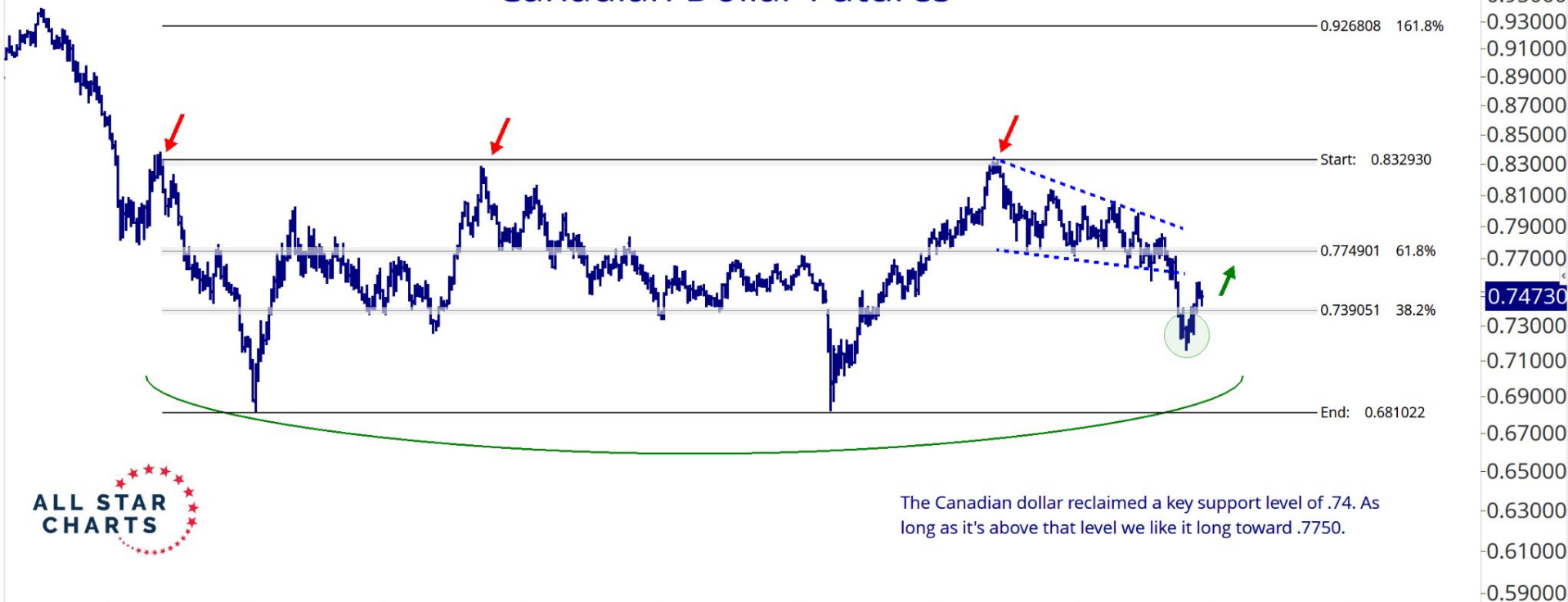
End: 1.46915

1.29504

1.14310 61.8%

Start: 0.94156

# Canadian Dollar Futures

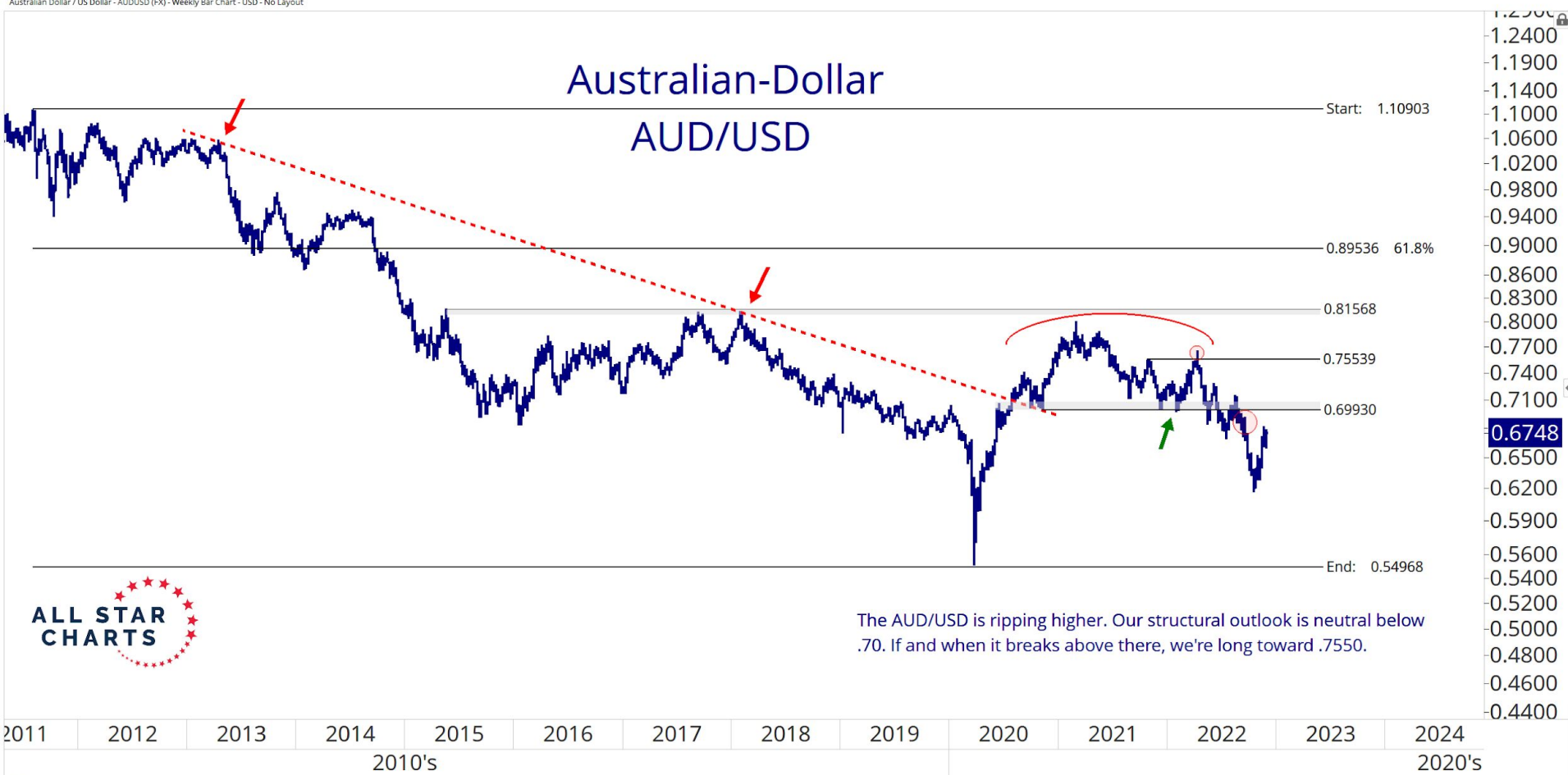


The Canadian dollar reclaimed a key support level of .74. As long as it's above that level we like it long toward .7750.

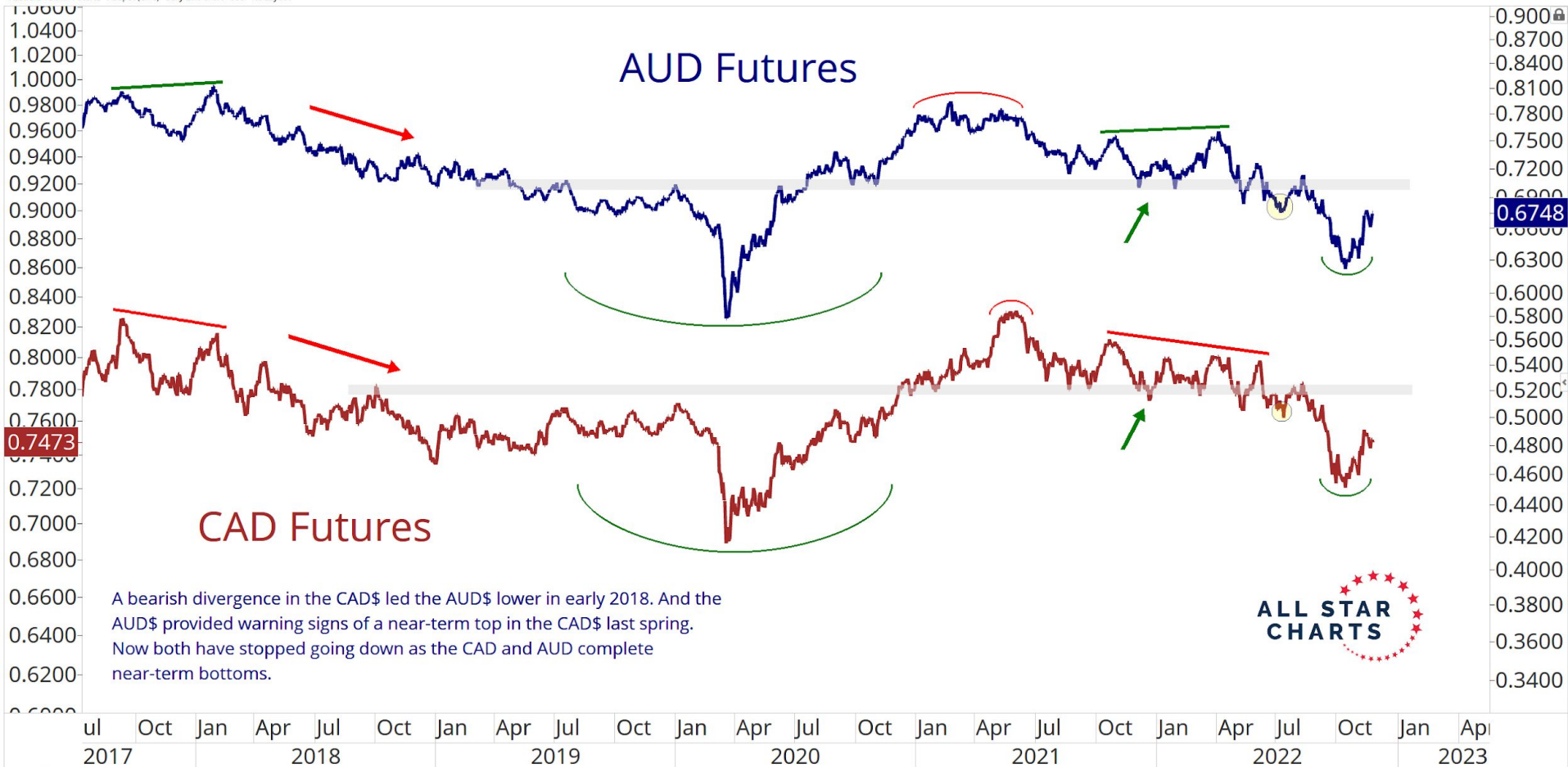
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
2010's						2020's				



# Australian-Dollar AUD/USD



The AUD/USD is ripping higher. Our structural outlook is neutral below .70. If and when it breaks above there, we're long toward .7550.



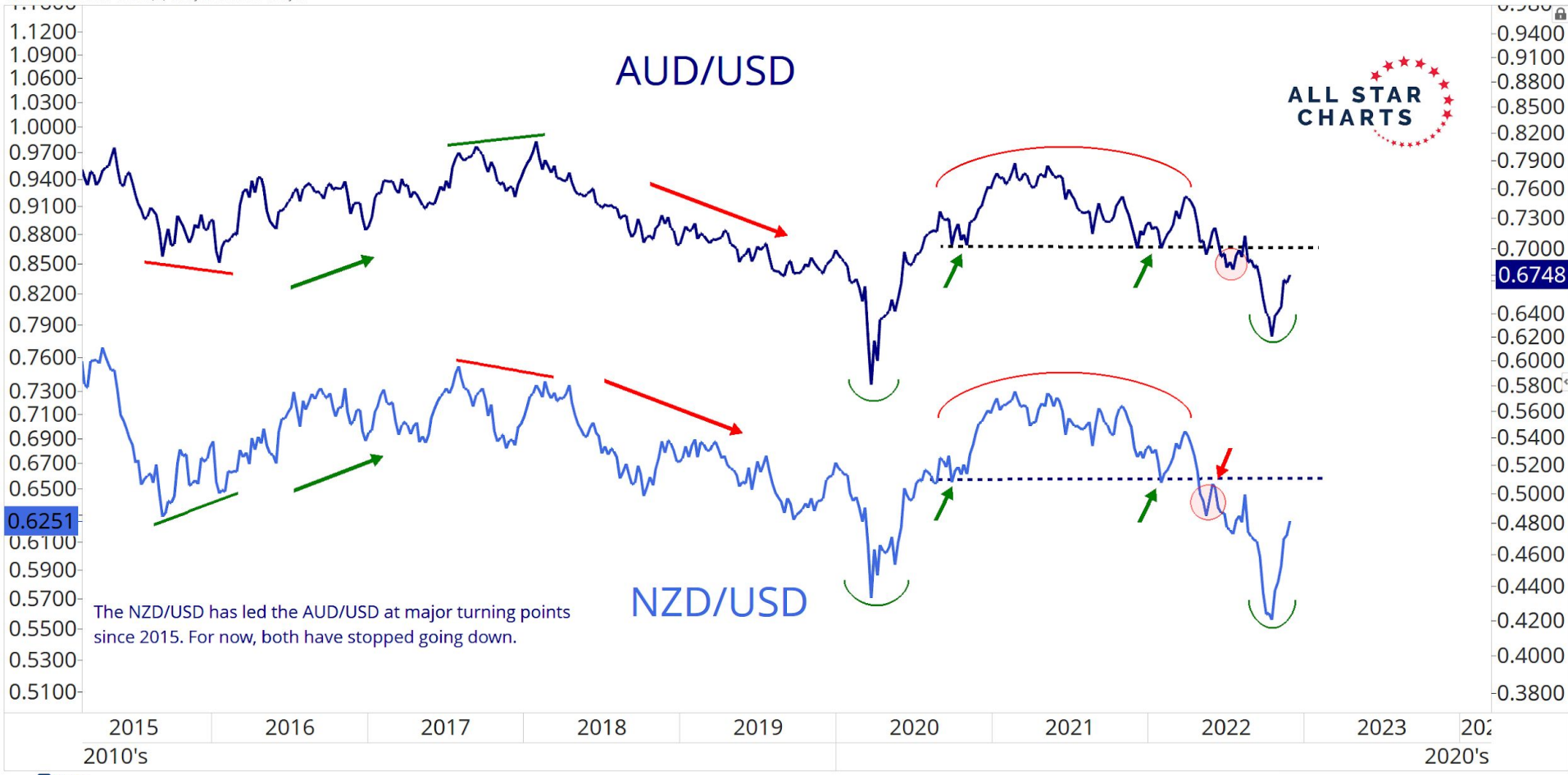


# New Zealand-Dollar NZD/USD

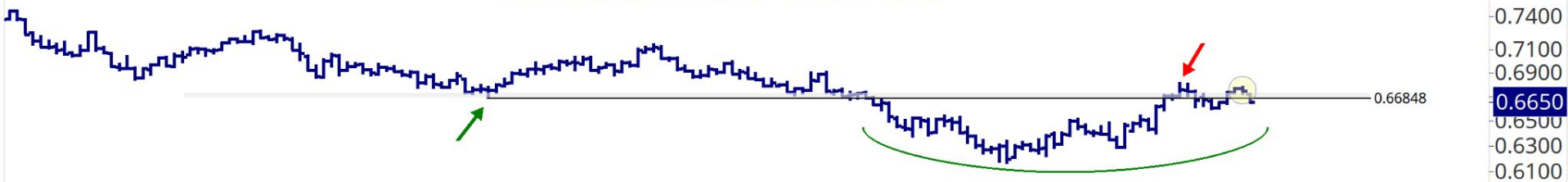


NZD/USD is stuck below a significant amount of overhead supply. We have a neutral bias after our initial target of 55 was hit. We like it long above .6425, targeting .7350.

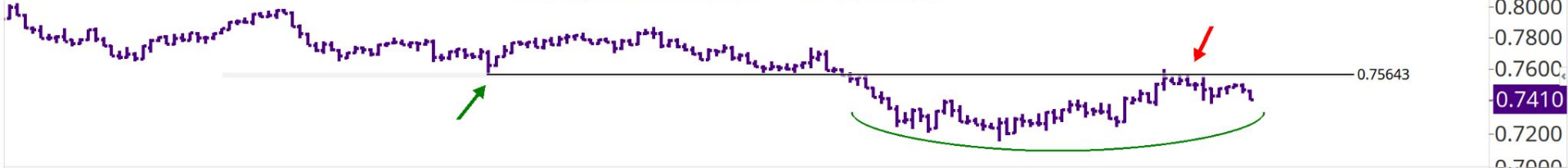




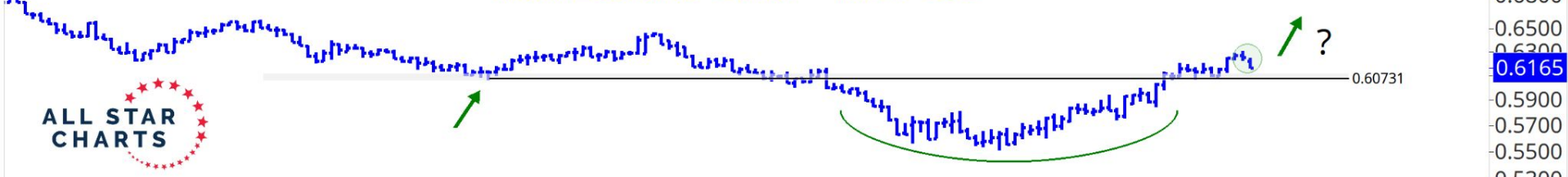
### Australian Dollar - AUD/USD



### Canadian Dollar - CAD/USD

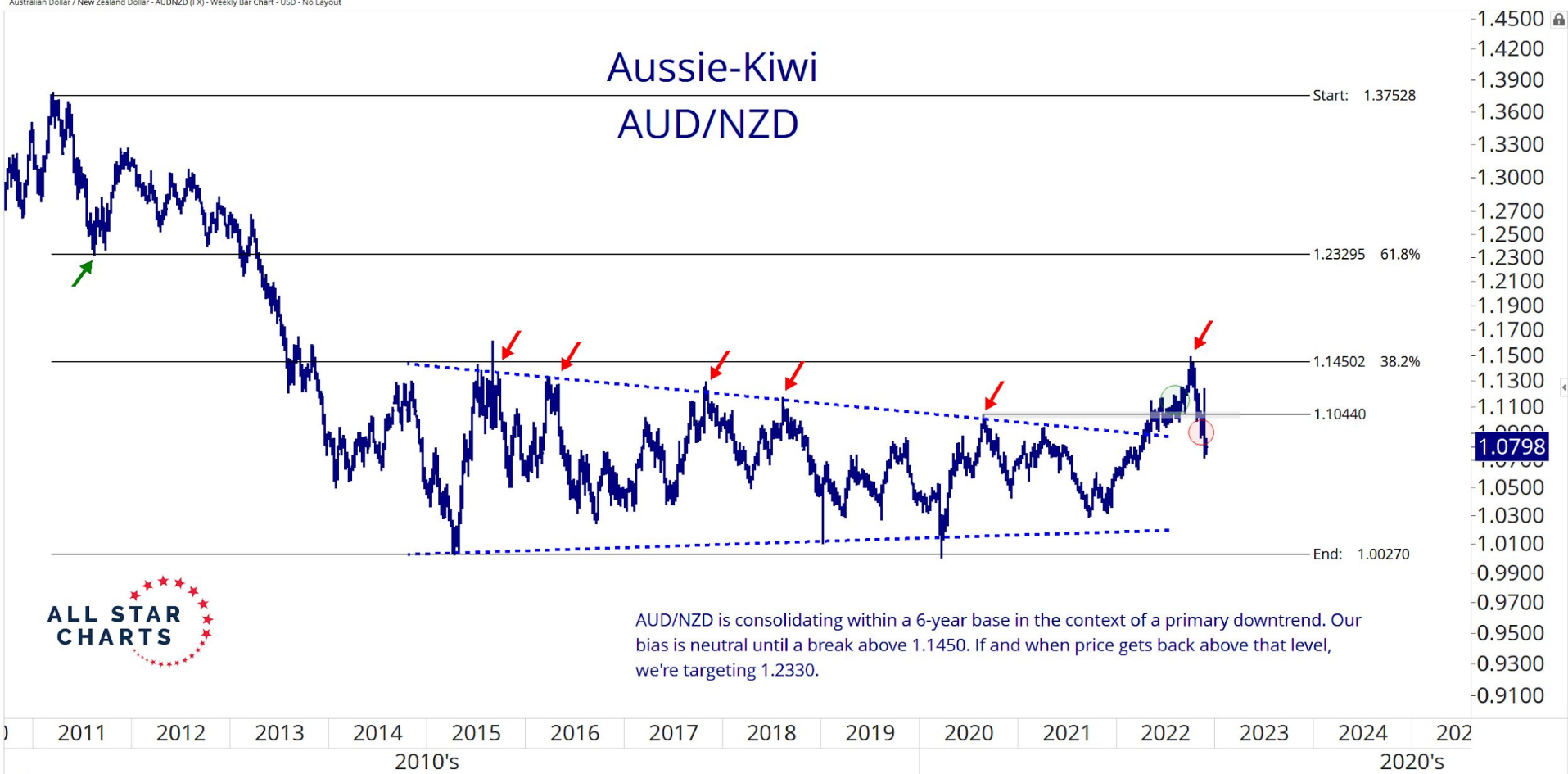


### New Zealand Dollar - NZD/USD





# Aussie-Kiwi AUD/NZD



AUD/NZD is consolidating within a 6-year base in the context of a primary downtrend. Our bias is neutral until a break above 1.1450. If and when price gets back above that level, we're targeting 1.2330.

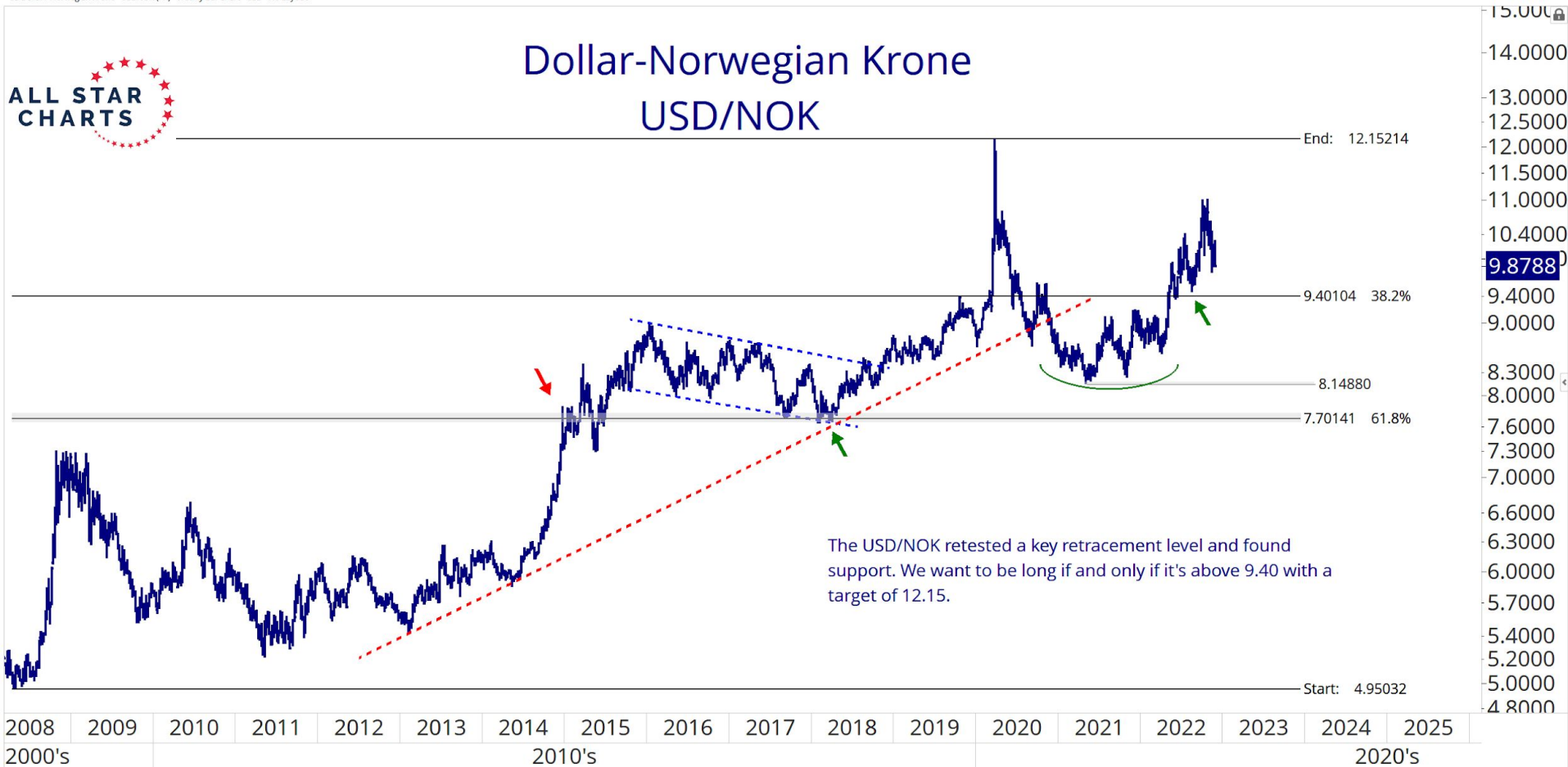


# Dollar-Swedish Krona USD/SEK



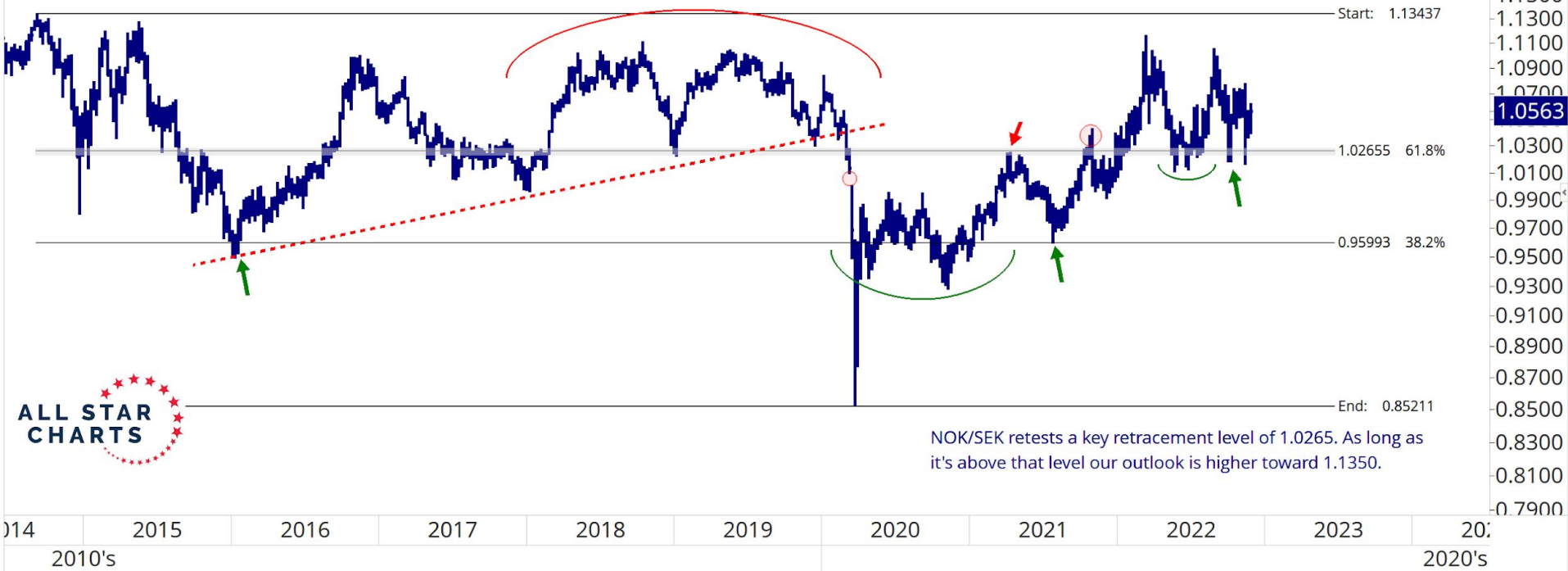


# Dollar-Norwegian Krone USD/NOK



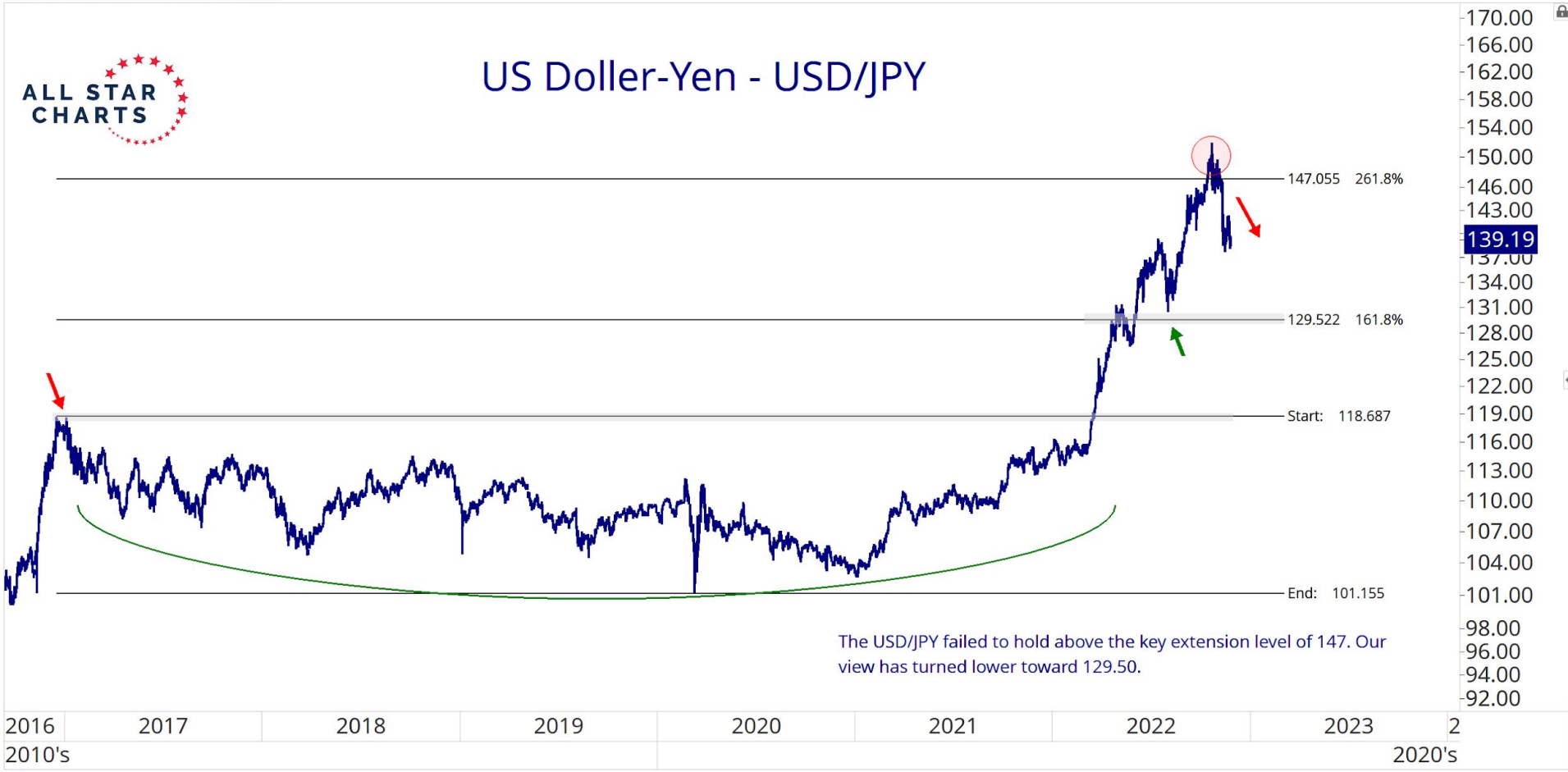
The USD/NOK retested a key retracement level and found support. We want to be long if it's above 9.40 with a target of 12.15.

# Norwegian Krone-Swedish Krona NOK/SEK





# US Doller-Yen - USD/JPY

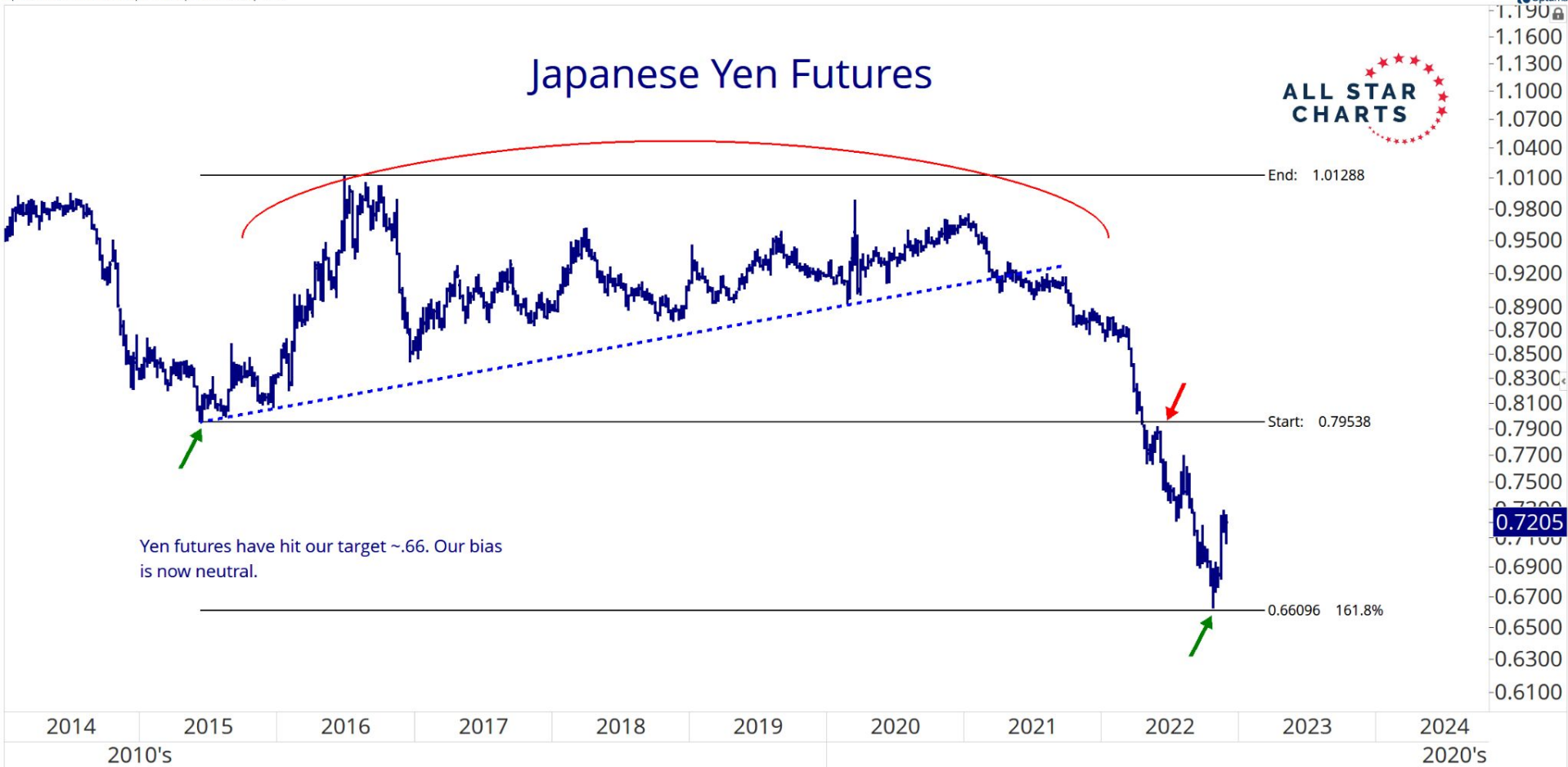


The USD/JPY failed to hold above the key extension level of 147. Our view has turned lower toward 129.50.

2016 2017 2018 2019 2020 2021 2022 2023 2020's



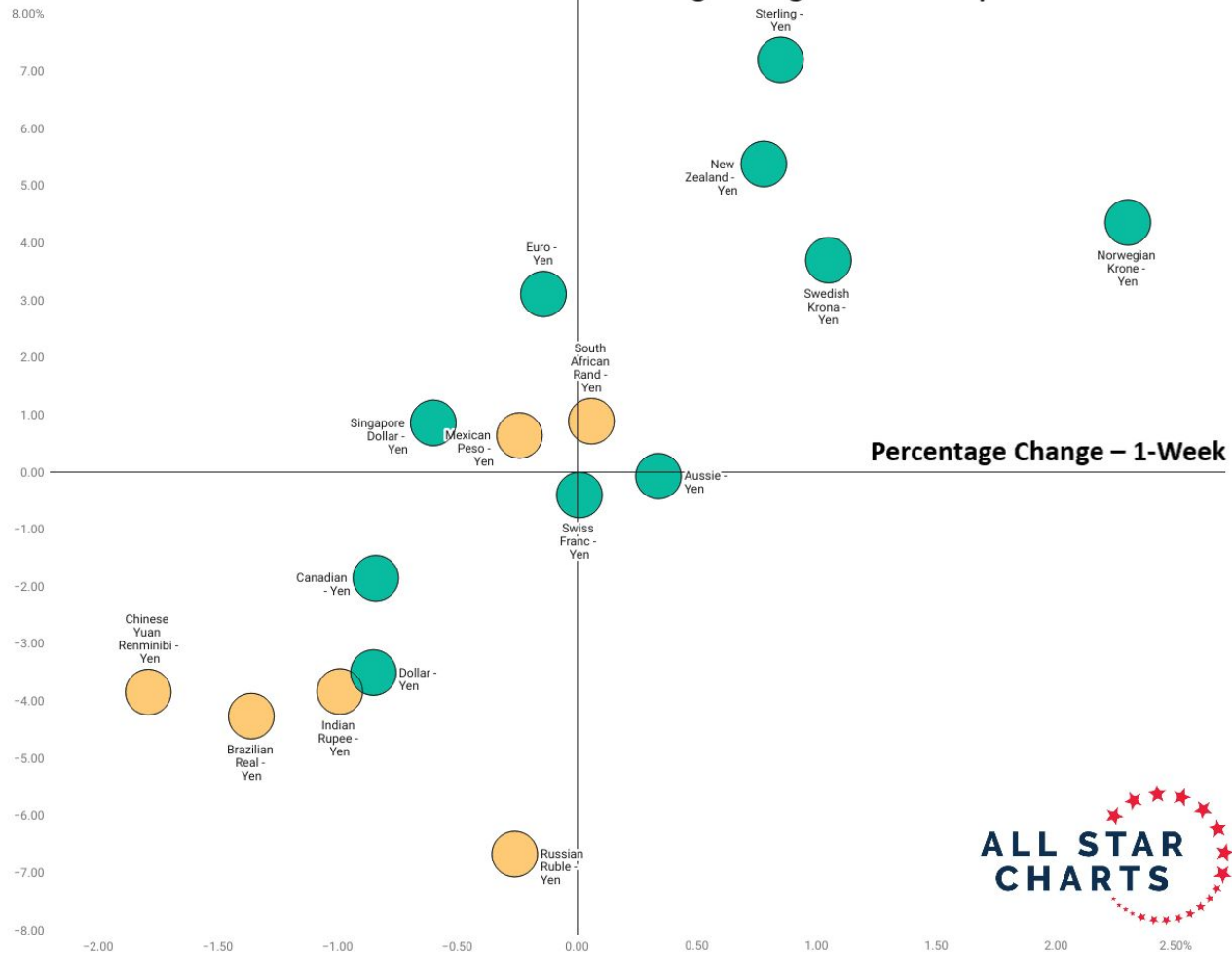
# Japanese Yen Futures

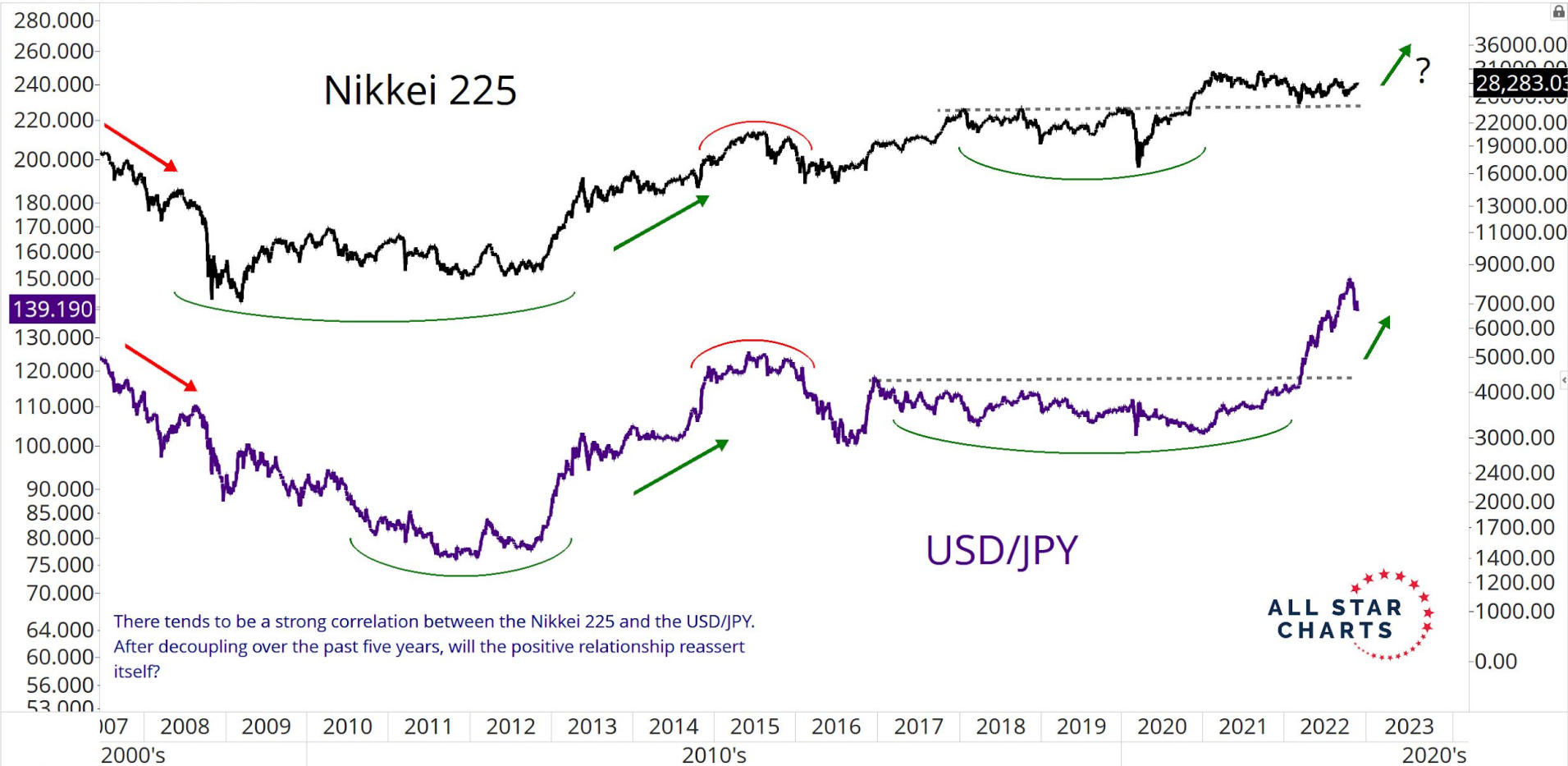


Yen futures have hit our target ~.66. Our bias is now neutral.

Emerging    Developed

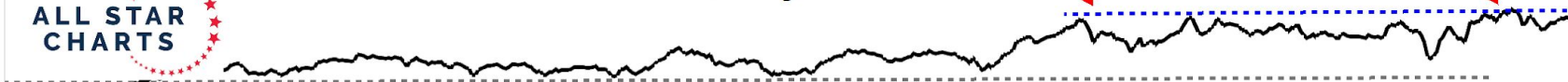
### Percentage Change Since 28<sup>th</sup> September 2022







### GBP/JPY



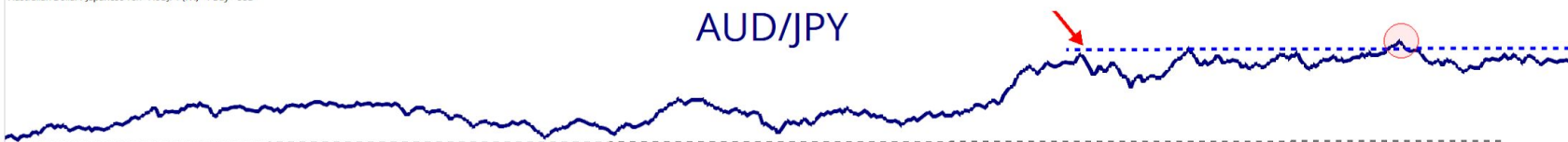
168.2490

### CAD/JPY



103.9625

### AUD/JPY



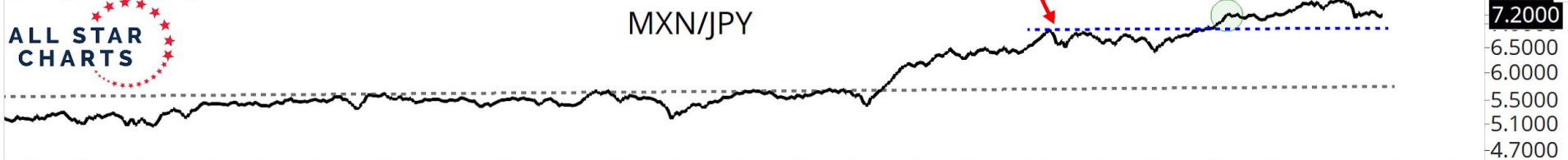
93.9480

### NOK/JPY



14.0832

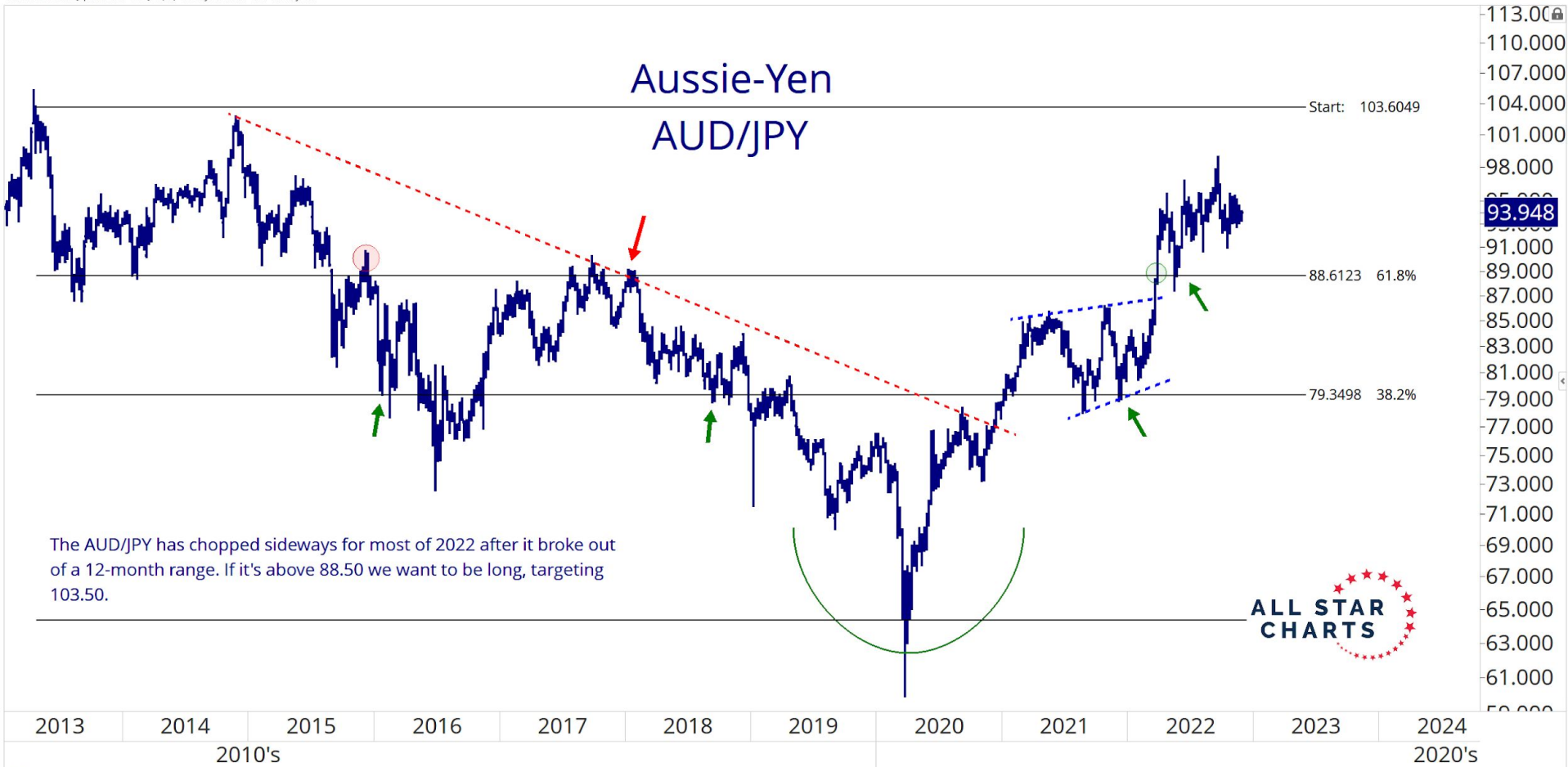
ec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec J  
 20 2021 2022 20



ALL STAR CHARTS
  
 c Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Ja
   
 20 2021 2022 20:



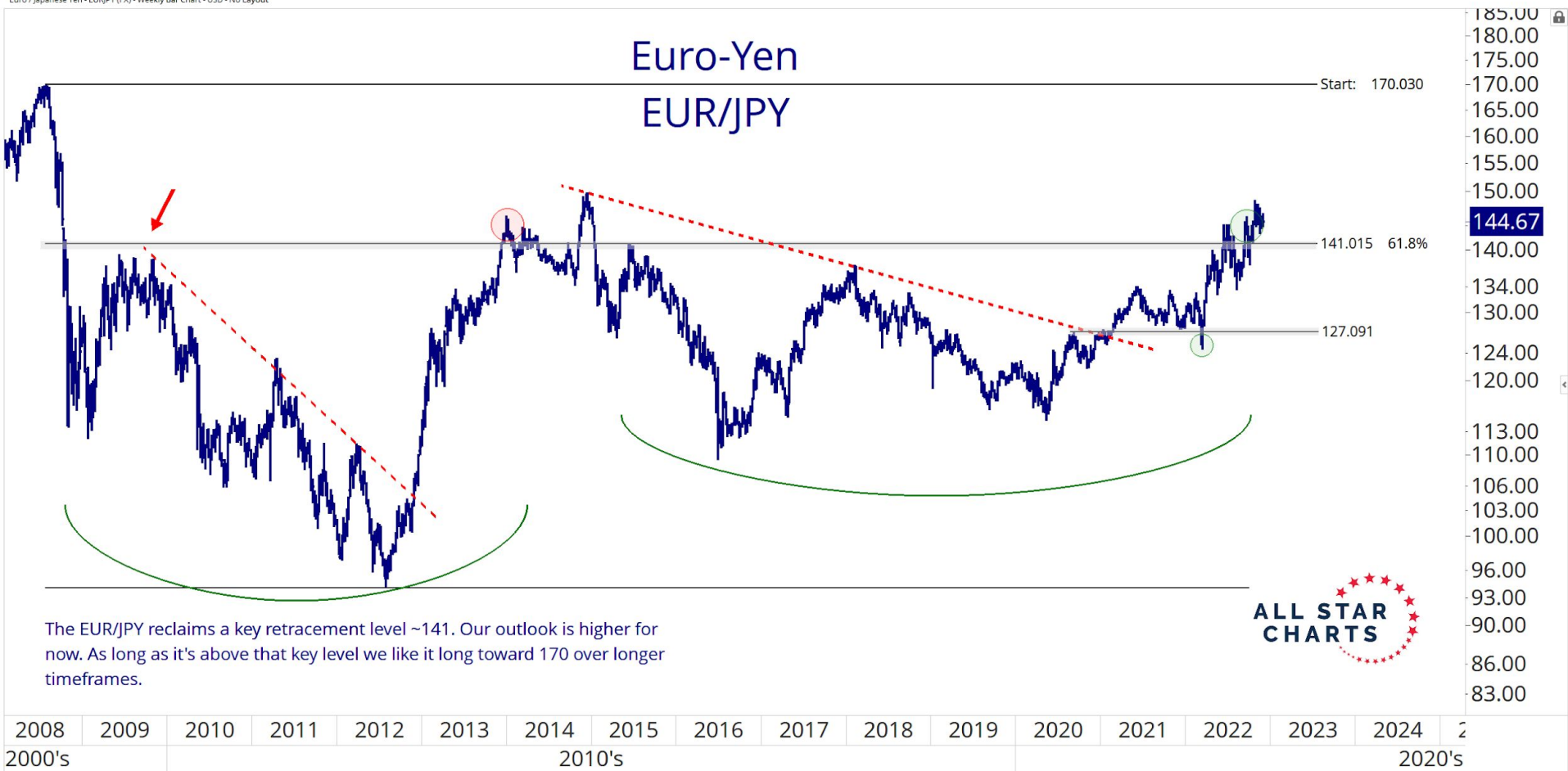
# Aussie-Yen AUD/JPY



The AUD/JPY has chopped sideways for most of 2022 after it broke out of a 12-month range. If it's above 88.50 we want to be long, targeting 103.50.



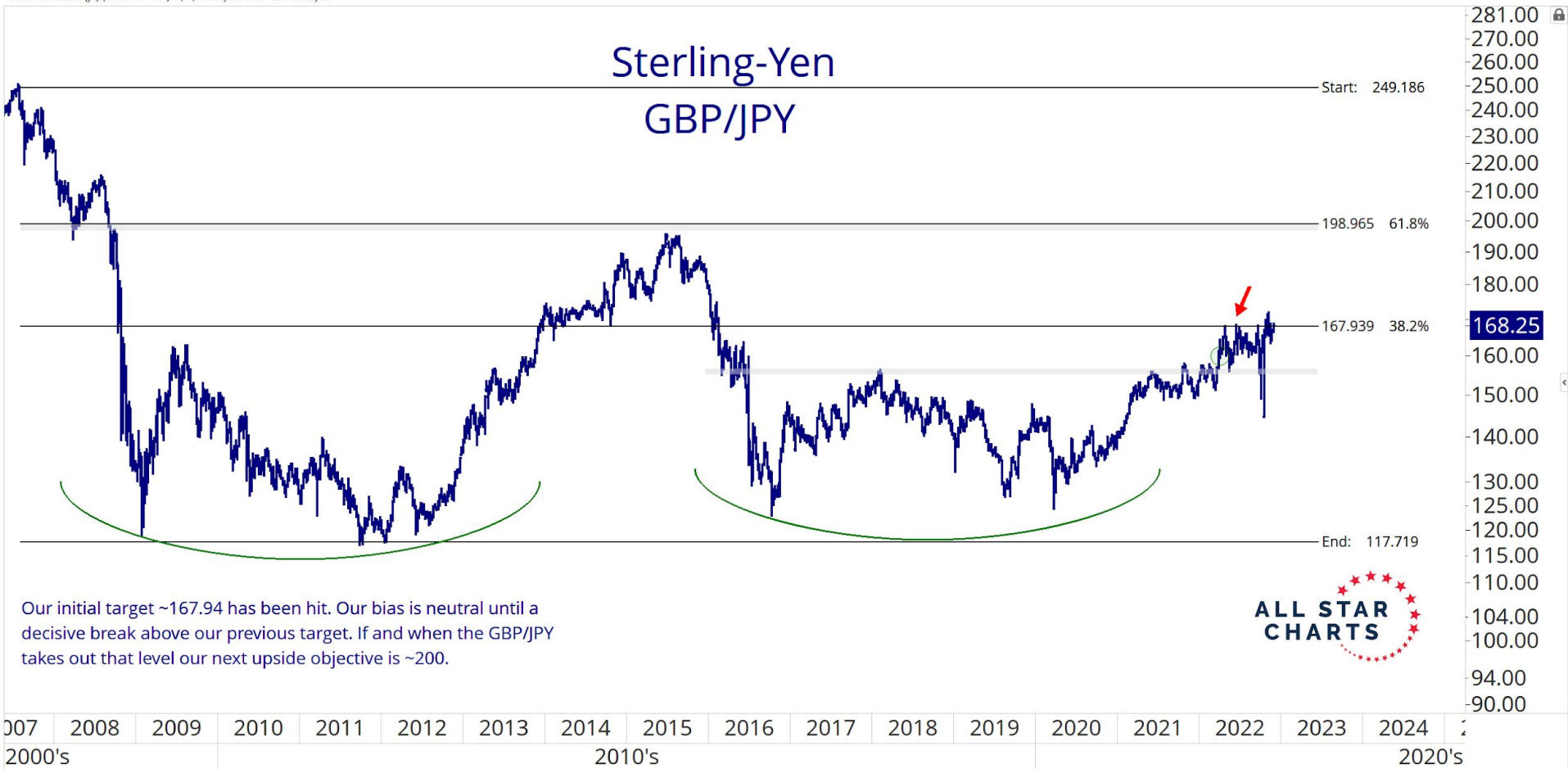
# Euro-Yen EUR/JPY



The EUR/JPY reclaims a key retracement level ~141. Our outlook is higher for now. As long as it's above that key level we like it long toward 170 over longer timeframes.



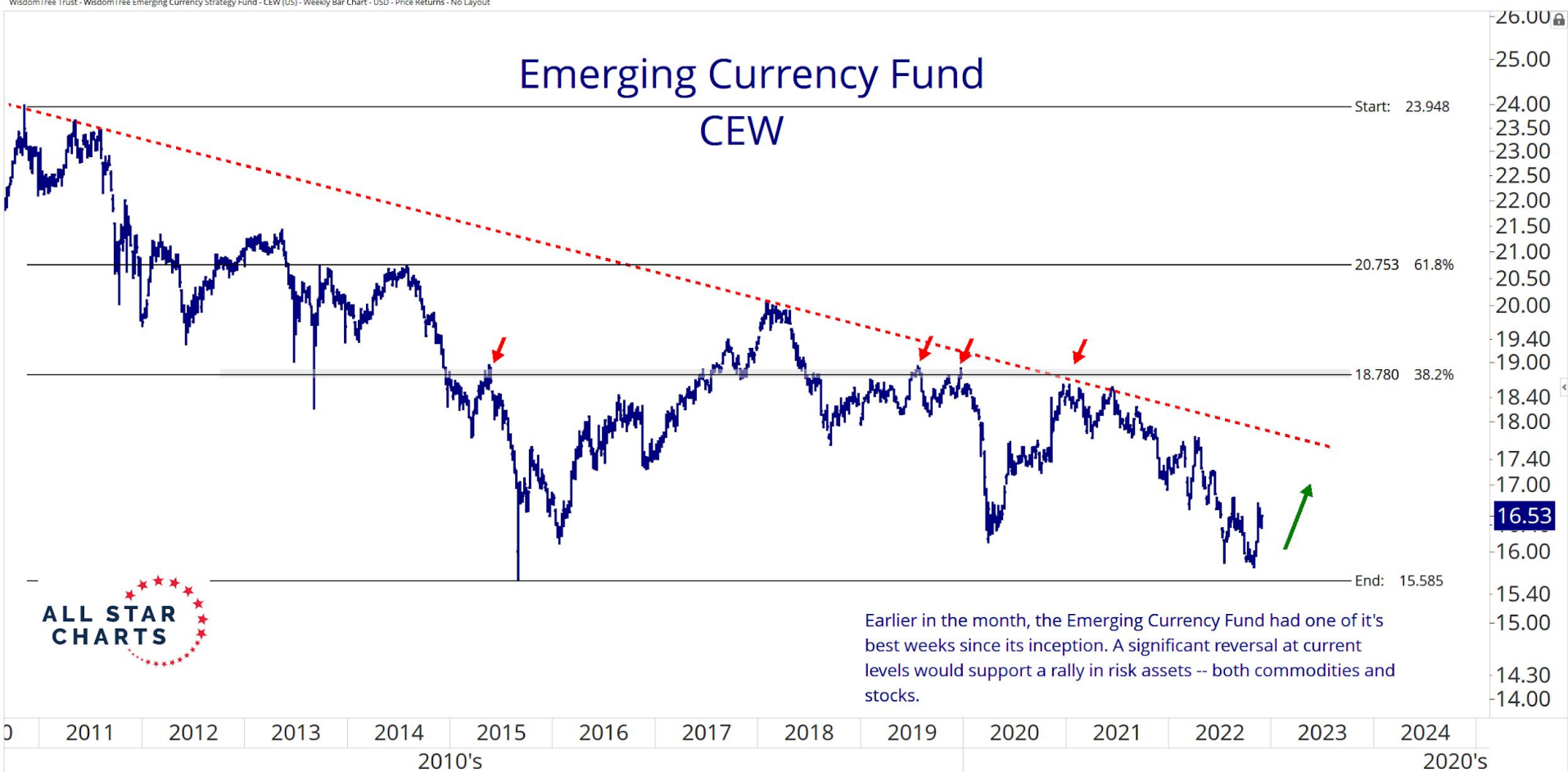
# Sterling-Yen GBP/JPY



Our initial target ~167.94 has been hit. Our bias is neutral until a decisive break above our previous target. If and when the GBP/JPY takes out that level our next upside objective is ~200.



# Emerging Currency Fund CEW



Earlier in the month, the Emerging Currency Fund had one of its best weeks since its inception. A significant reversal at current levels would support a rally in risk assets -- both commodities and stocks.



# Dollar-Brazilian Real USD/BRL

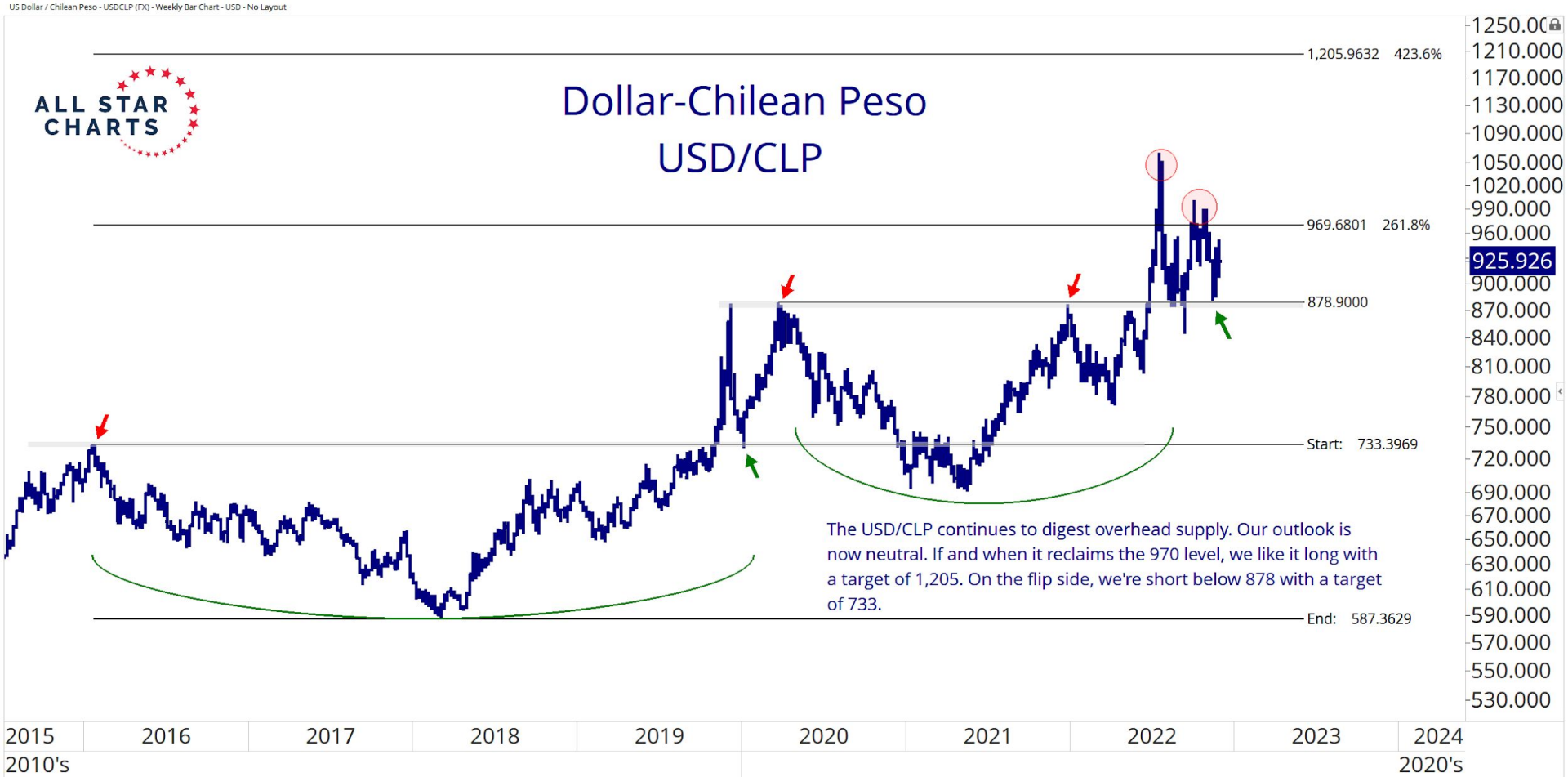


The USD/BRL chops sideways after another failed breakdown from a multi-year consolidation. Our outlook is neutral as it's stuck within its prior range.





# Dollar-Chilean Peso USD/CLP



The USD/CLP continues to digest overhead supply. Our outlook is now neutral. If and when it reclaims the 970 level, we like it long with a target of 1,205. On the flip side, we're short below 878 with a target of 733.

End: 587.3629

2015 2016 2017 2018 2019 2020 2021 2022 2023 2024  
 2010's 2020's

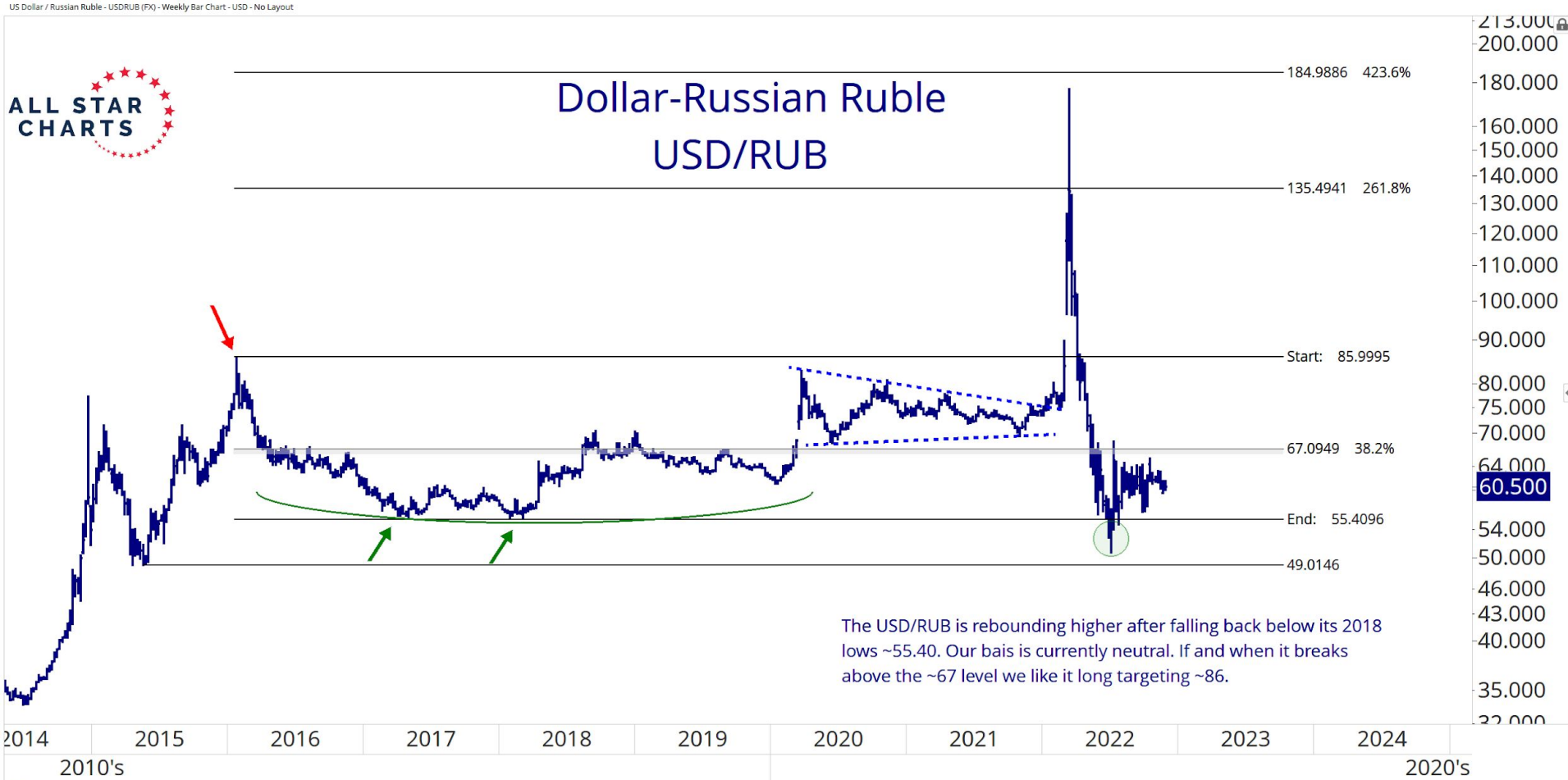


# Dollar-Mexican Peso USD/MXN





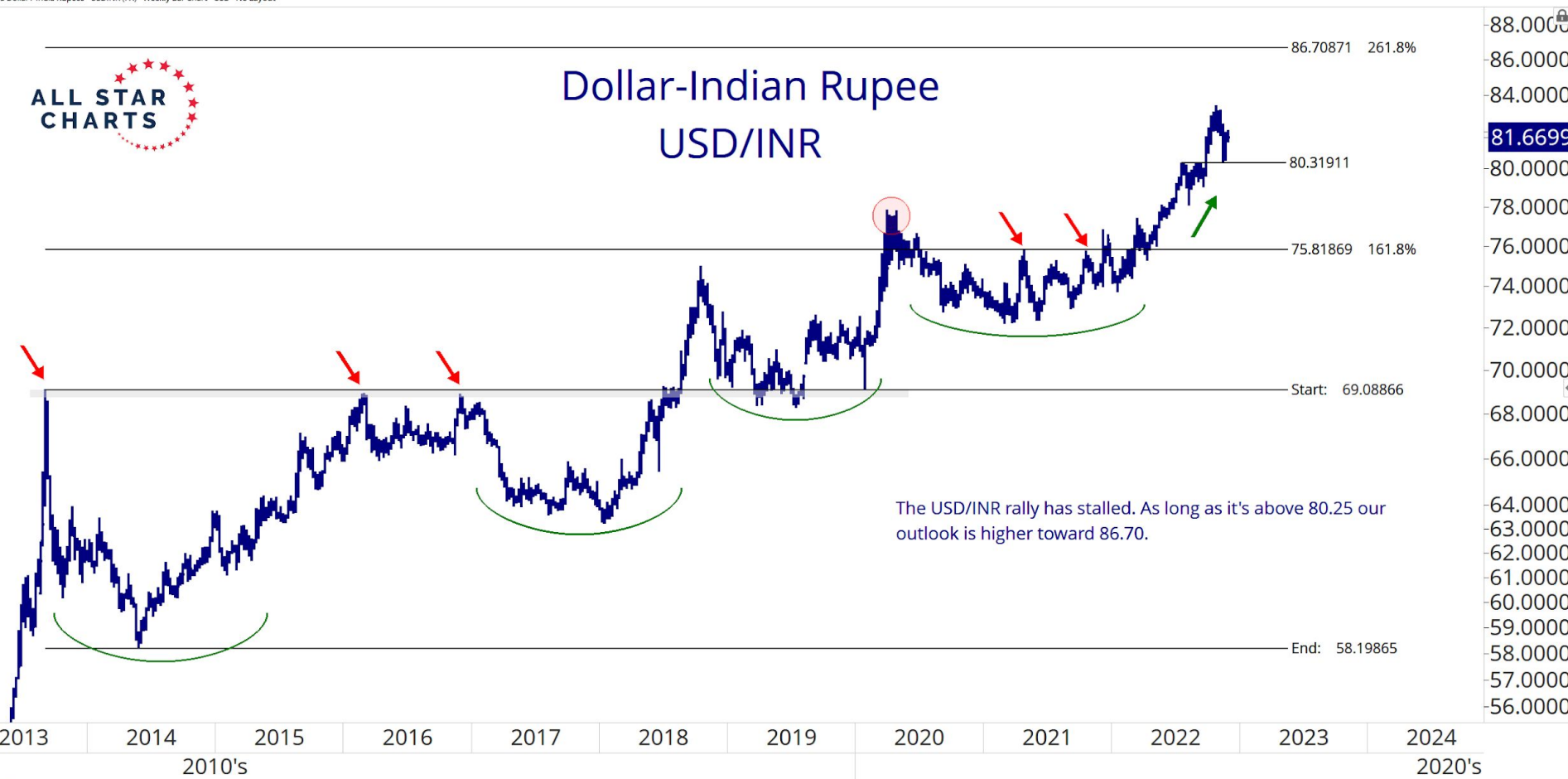
# Dollar-Russian Ruble USD/RUB



The USD/RUB is rebounding higher after falling back below its 2018 lows ~55.40. Our bias is currently neutral. If and when it breaks above the ~67 level we like it long targeting ~86.

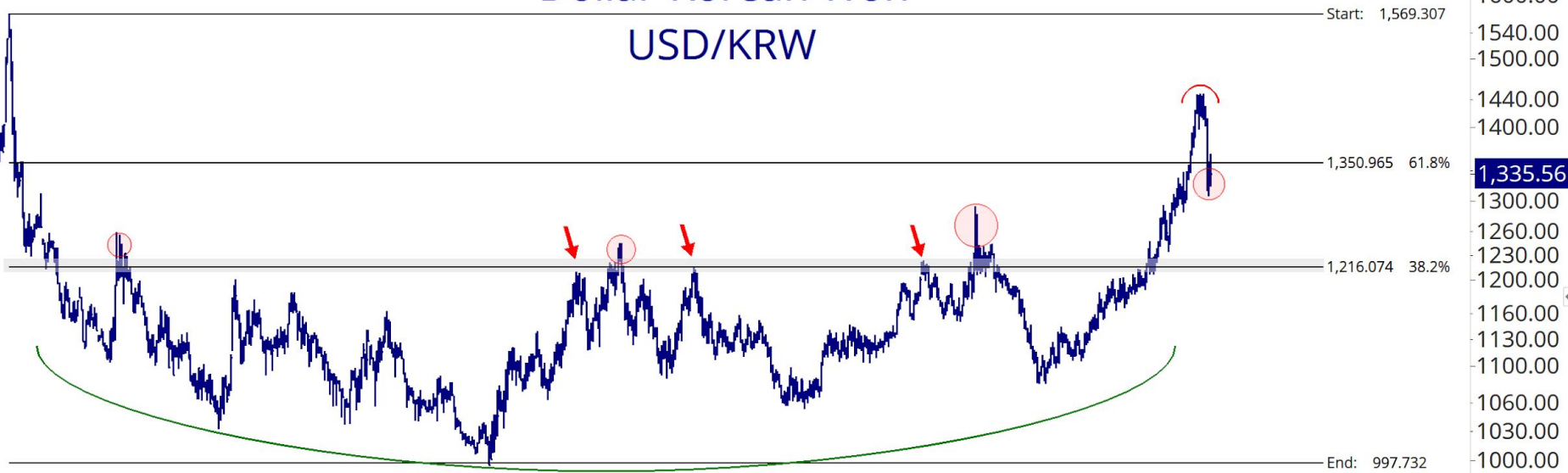


# Dollar-Indian Rupee USD/INR



The USD/INR rally has stalled. As long as it's above 80.25 our outlook is higher toward 86.70.

# Dollar-Korean Won USD/KRW



USD/KRW has fallen back below 1,350. Our bias is now neutral.  
If and when it reclaims that key level we like it long, targeting 1,570.



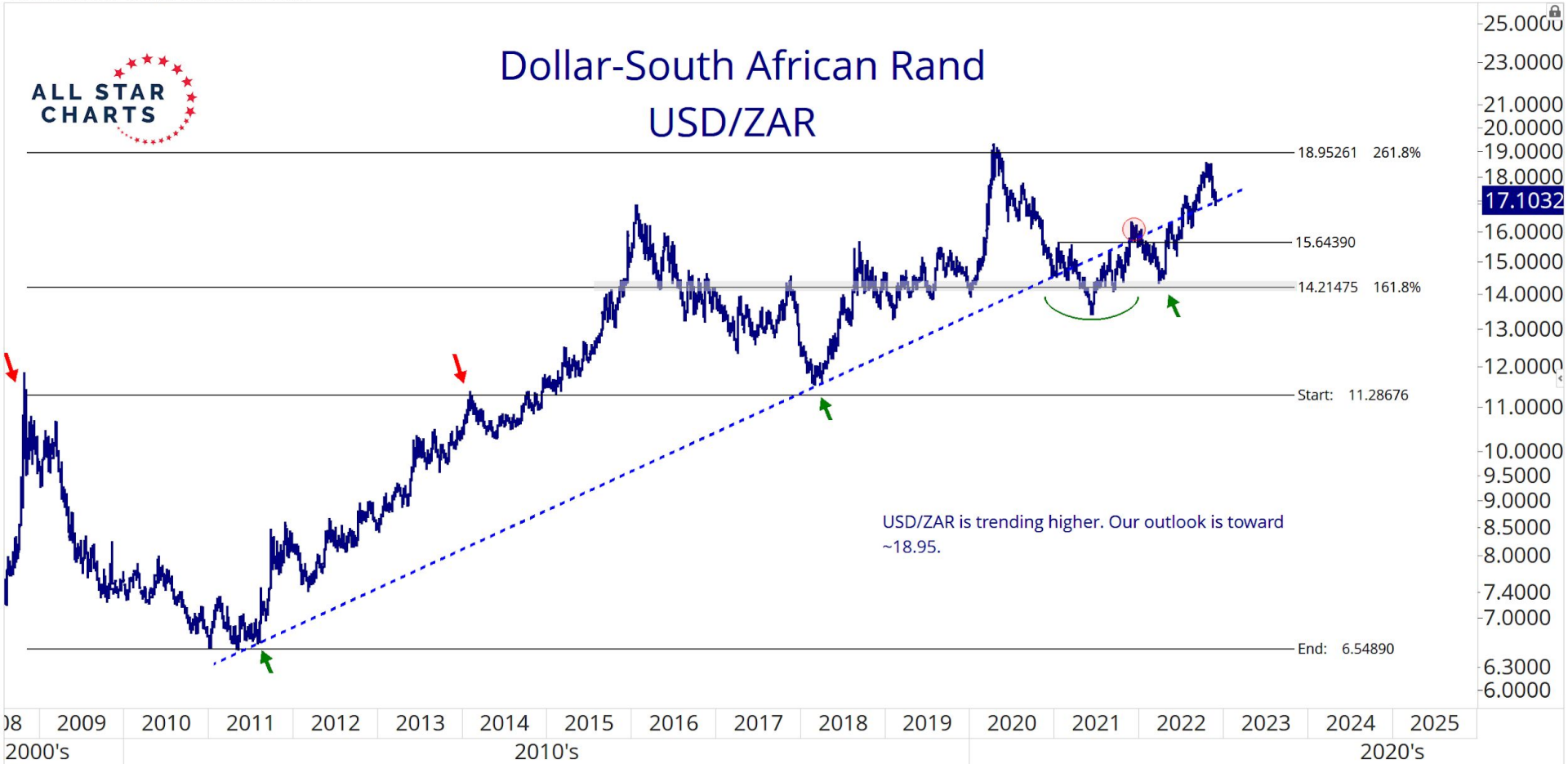
08 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

2000's 2010's 2020's





# Dollar-South African Rand USD/ZAR



USD/ZAR is trending higher. Our outlook is toward ~18.95.

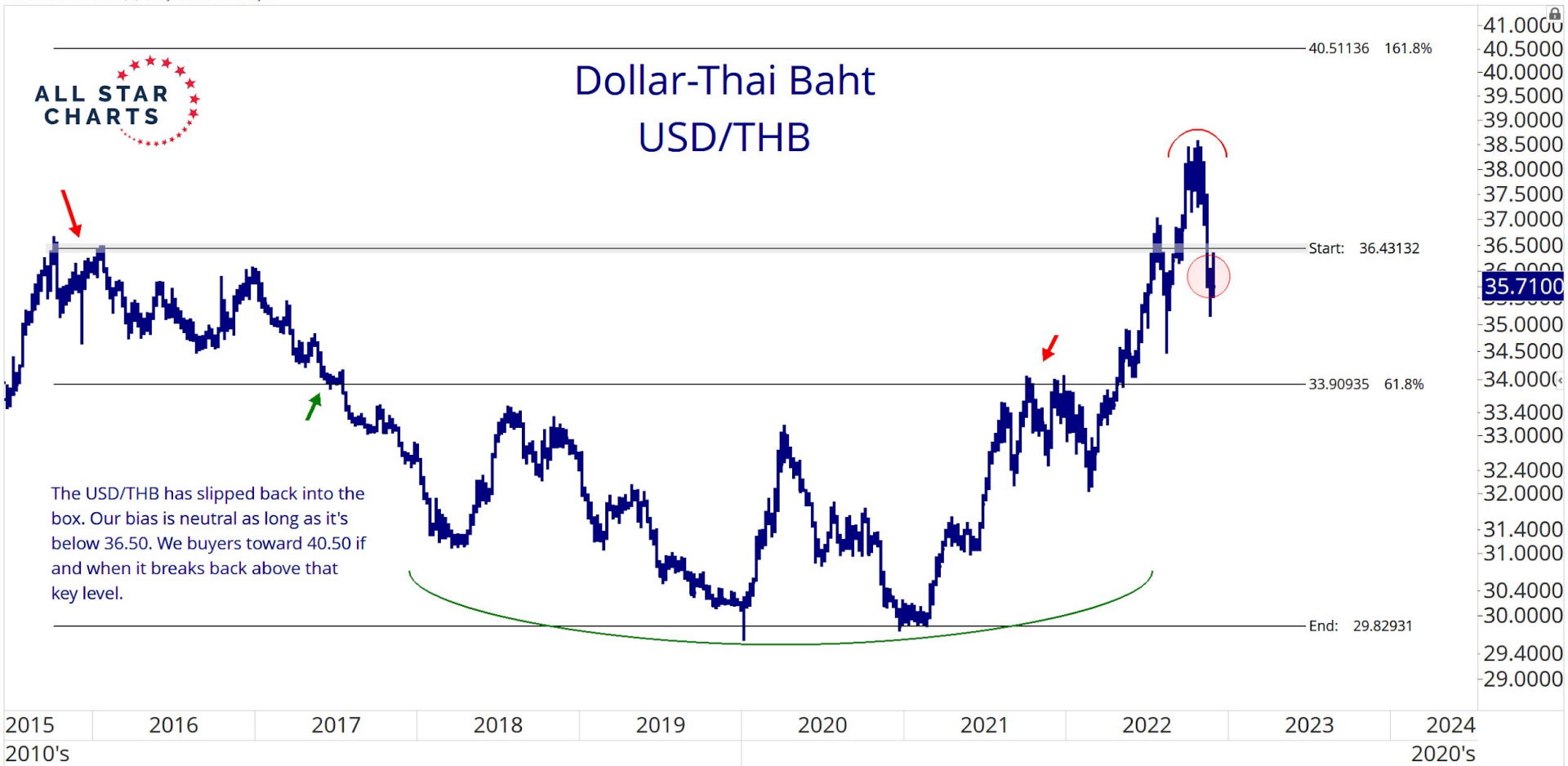
End: 6.54890

25.0000  
23.0000  
21.0000  
20.0000  
19.0000  
18.0000  
17.1032  
16.0000  
15.0000  
14.0000  
13.0000  
12.0000  
11.0000  
10.0000  
9.5000  
9.0000  
8.5000  
8.0000  
7.4000  
7.0000  
6.3000  
6.0000

08 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025  
2000's 2010's 2020's



# Dollar-Thai Baht USD/THB

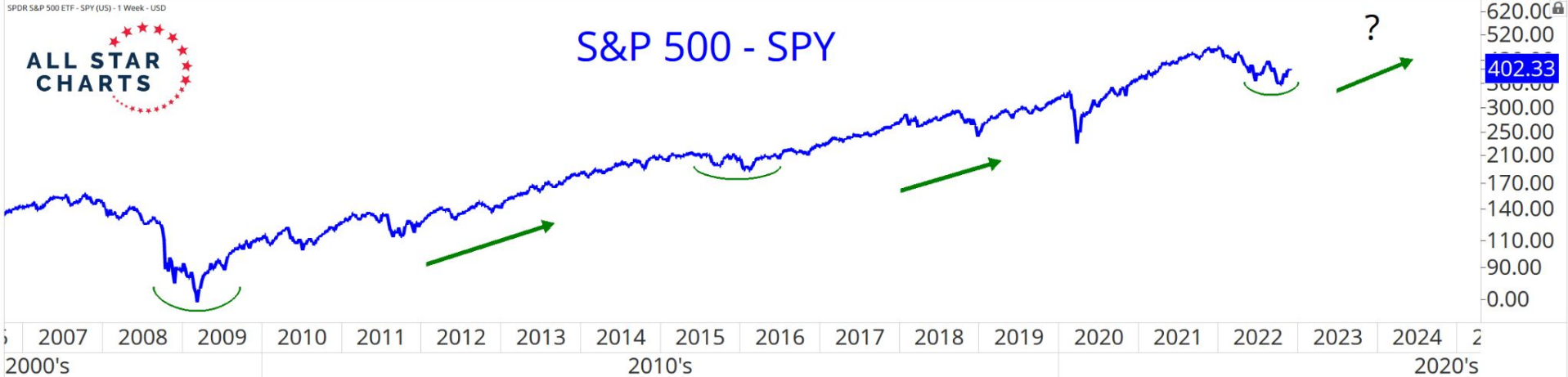


The USD/THB has slipped back into the box. Our bias is neutral as long as it's below 36.50. We buyers toward 40.50 if and when it breaks back above that key level.

# Thai Baht - THB/USD



# S&P 500 - SPY





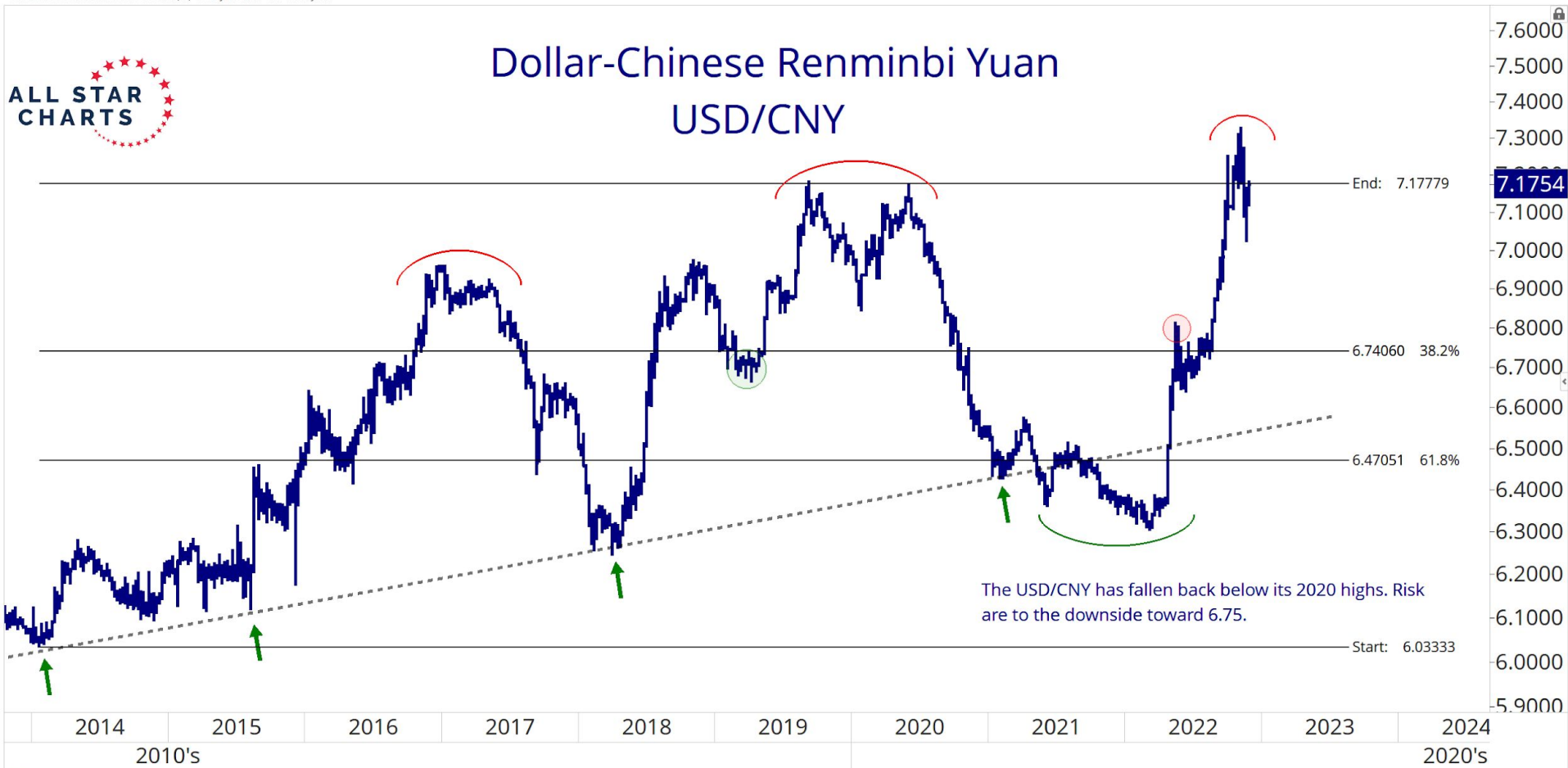
# Dollar-Singapore Dollar USD/SGD



USD/SGD slid lower, falling back below a key retracement level. Our outlook is neutral as long as it's below 1.3950.



# Dollar-Chinese Renminbi Yuan USD/CNY



The USD/CNY has fallen back below its 2020 highs. Risk are to the downside toward 6.75.



# Chinese Yuan - CNY/USD





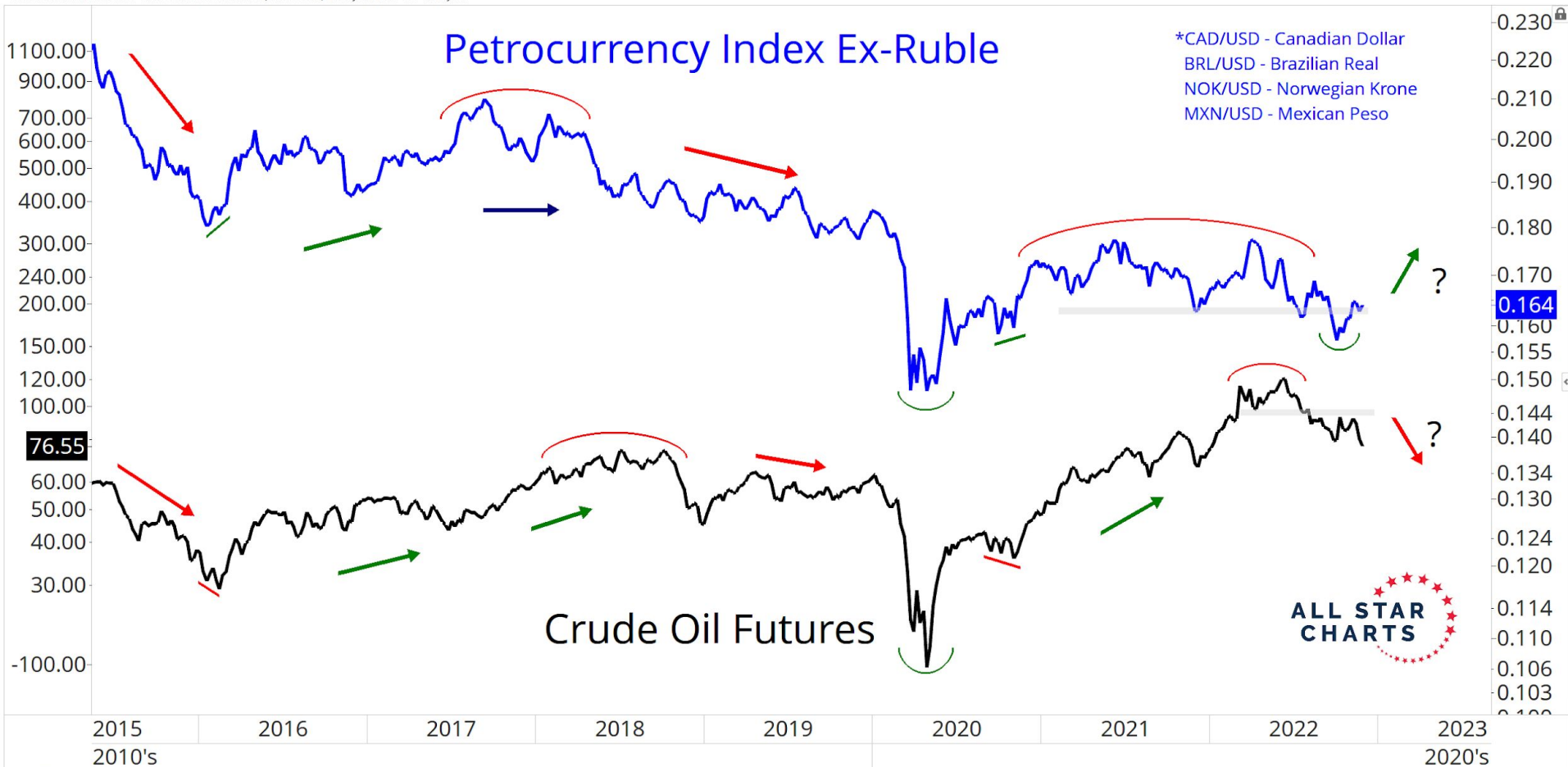
# US Dollar-Chinese Renminbi (Offshore) USD/CNH



We like the USD/CNH long if and only if it's above 7.1950, targeting 7.7450.

# Petrocurrency Index Ex-Ruble

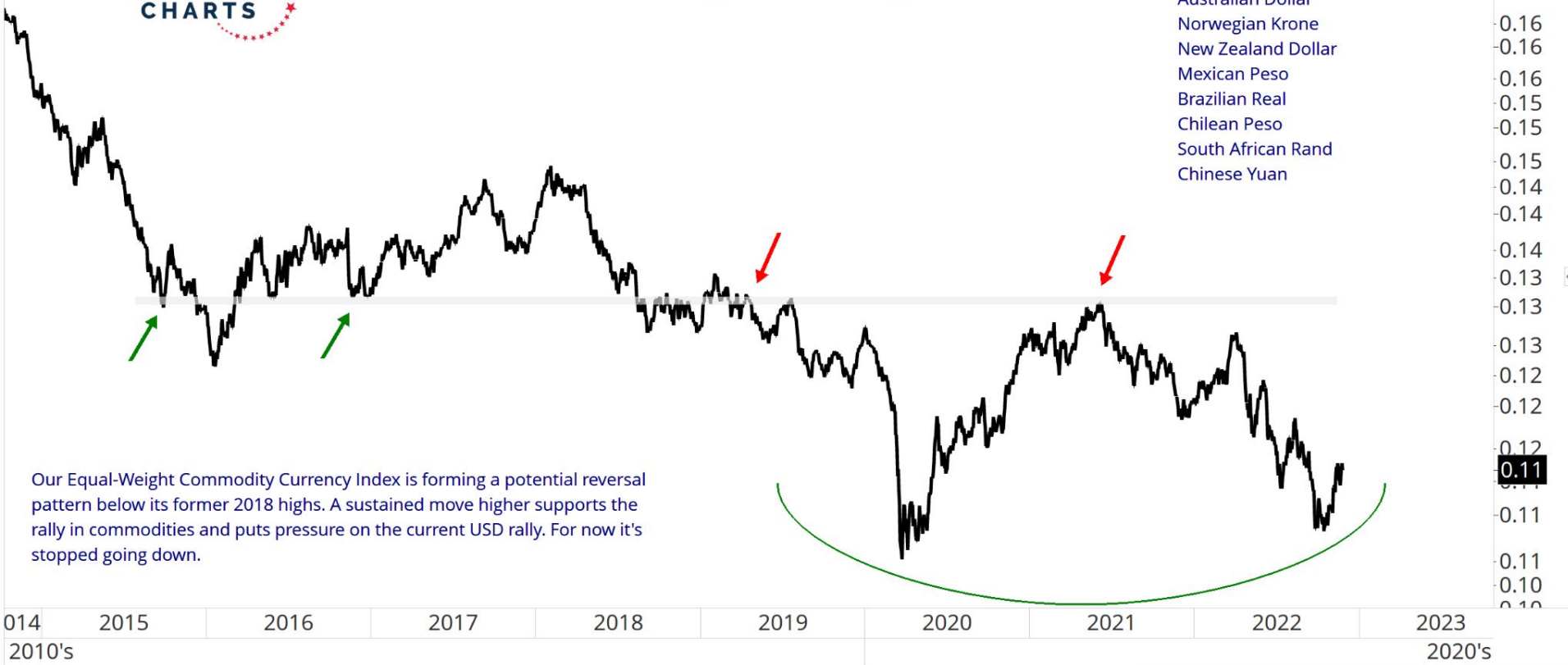
\*CAD/USD - Canadian Dollar  
BRL/USD - Brazilian Real  
NOK/USD - Norwegian Krone  
MXN/USD - Mexican Peso





# EW Commodity Currency Index

- \*Canadian Dollar
- Australian Dollar
- Norwegian Krone
- New Zealand Dollar
- Mexican Peso
- Brazilian Real
- Chilean Peso
- South African Rand
- Chinese Yuan

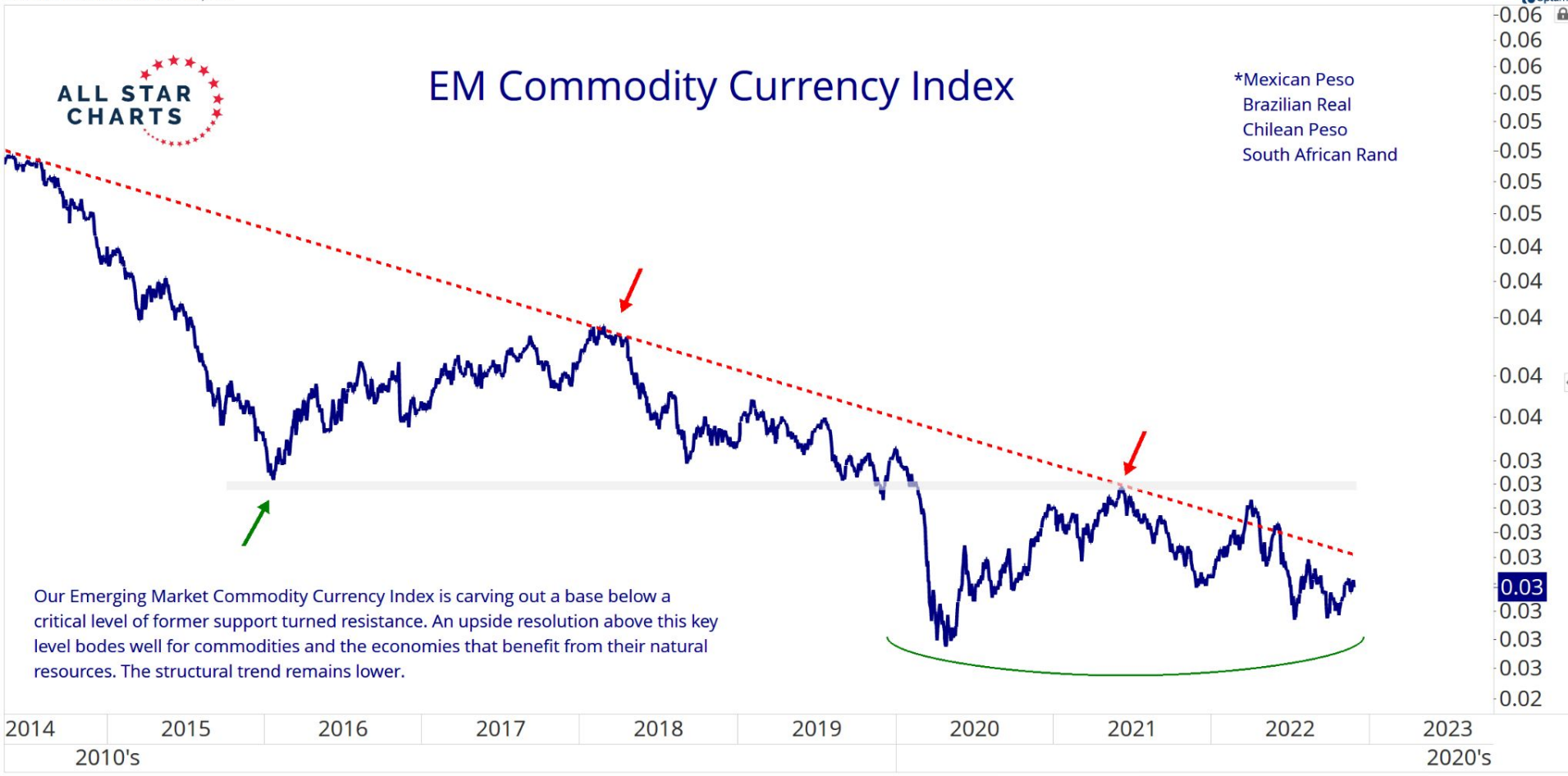


Our Equal-Weight Commodity Currency Index is forming a potential reversal pattern below its former 2018 highs. A sustained move higher supports the rally in commodities and puts pressure on the current USD rally. For now it's stopped going down.



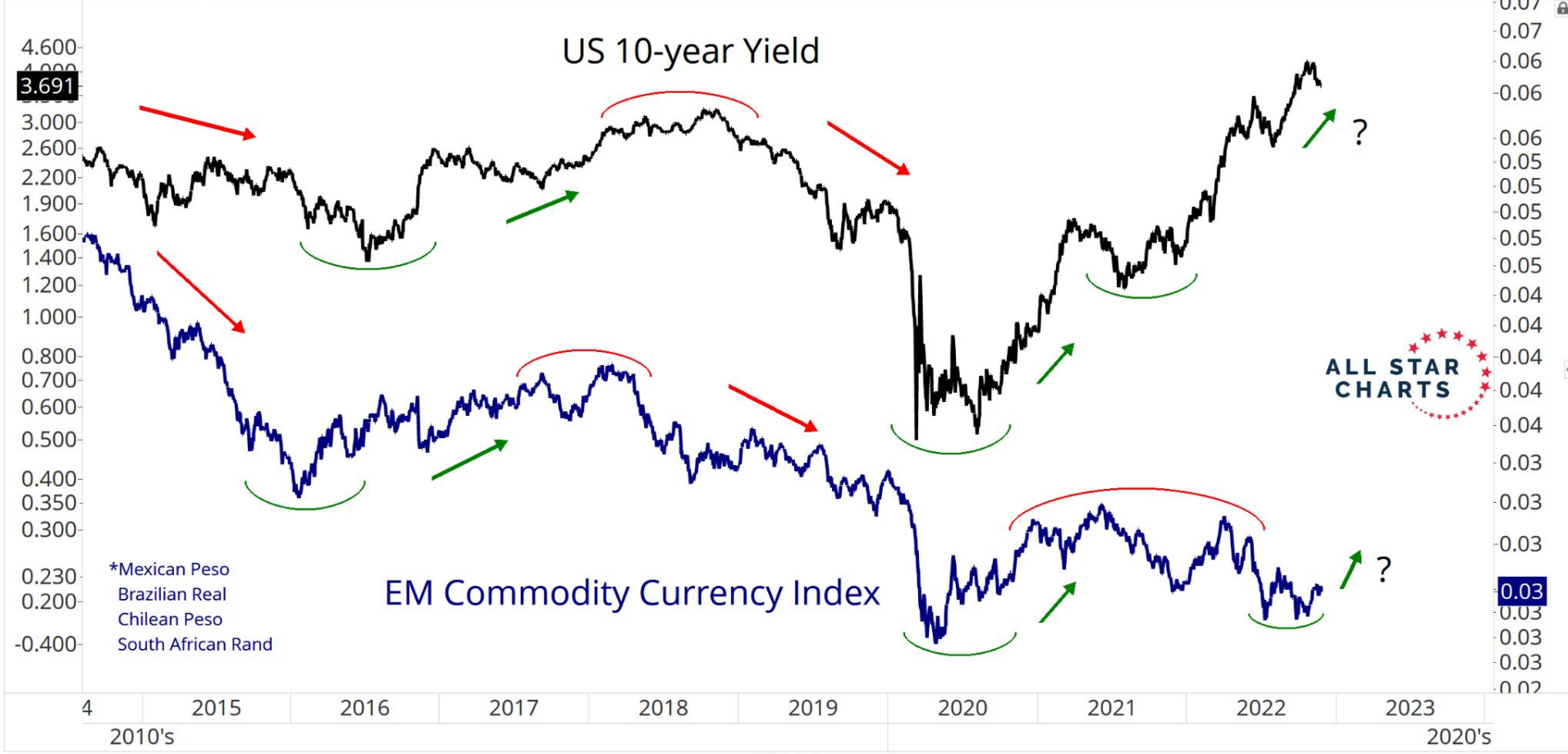
# EM Commodity Currency Index

- \*Mexican Peso
- Brazilian Real
- Chilean Peso
- South African Rand



Our Emerging Market Commodity Currency Index is carving out a base below a critical level of former support turned resistance. An upside resolution above this key level bodes well for commodities and the economies that benefit from their natural resources. The structural trend remains lower.





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