ALL STAR CHARTS

Currency Report

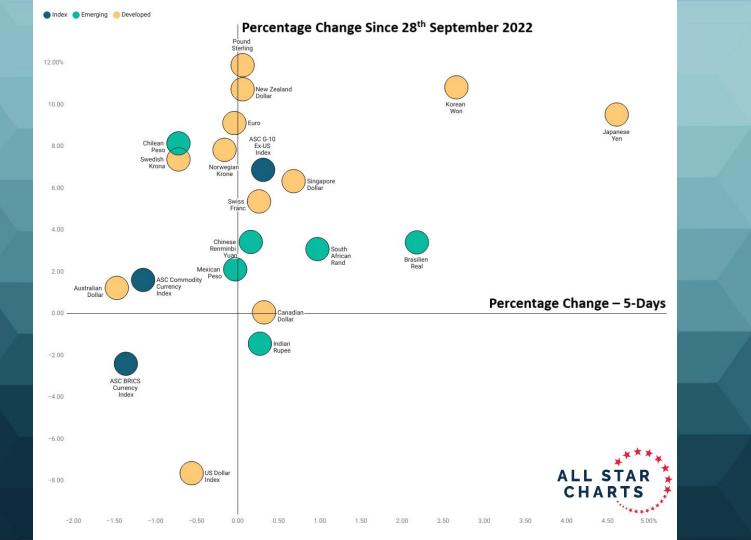
(EOD Data as of December 20, 2022)

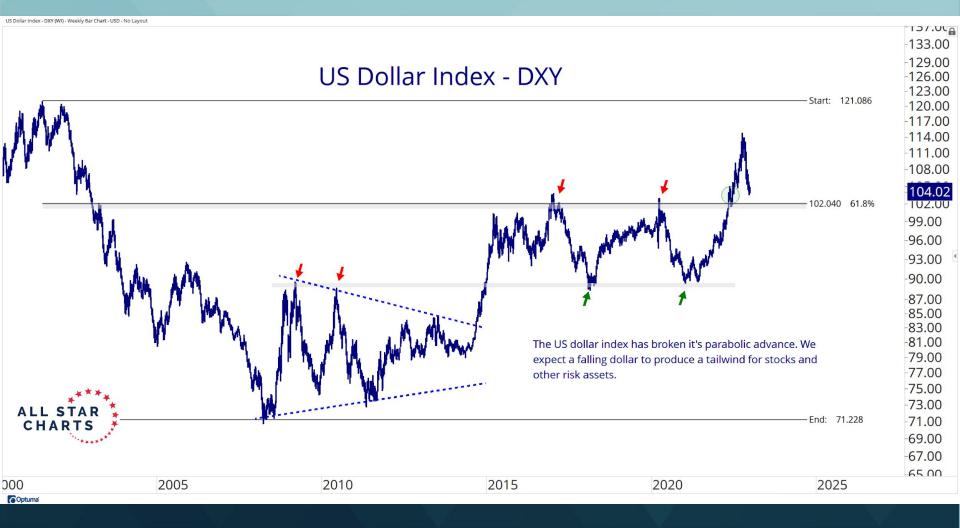
ALL STAR CHARTS	Α	LL STAR		RTS C	:0	M	итмі	ENT	OF T	RAD	ERS	HEA	тм	4	Ρ
Data As Of: 12/13/2022	Commercial Hedgers								Open Interest						
	Net Position	Position As % of 3yr Ran	ge Wk. Change	Prior Wk Position	n 4 W	/k. Chang	je 3-Year Long	Record Long	3-Year Short	Record Short	Current	WK. Change	Prior Wk	41	Wk. Change
Energy										·				-	
Crude Oil	(288,028)	100.0%	11,157	(299,185)	Ŷ	50,169	(288,028)	66,514	(652,384)	(811,538)	1,924,212	37,121	1,887,092		(188,174)
Brent Crude	24,133	33.8%	1,560	22,573	Ŷ	3,178	66,431	66,431	2,515	(5,143)	157,586	3,999	153,587	Ŷ	8,467
Heating Oil	(31,516)	38.9%	6,619	(38, 135)	-	15,607	26,439	31,626	(68,490)	(94,450)	276,748	14,081	262,666		(6,433)
Natural Gas	130,111	72.0%	🞍 (5,765)	135,876		9,746	218,728	242,713	(98,017)	(98,017)	1,007,579	4 (12,147)	1,019,726	Ŷ	17,335
RBOB Gasoline	(51,767)	81.9%	4,664	(56,431)	Ŷ	3,748	(32,615)	(1,306)	(138,234)	(138,234)	263,708	7,010	256,698		(2,187)
Metals														_	
Copper	(6,402)	62.9%	4 (1,972)	(4,430)	Ŷ	7,334	41,278	59,050	(87,302)	(87,302)	181,969	4,240	177,729	*	(11,126)
Gold	(153,122)	74.0%	(12,927)	(140,195)		(5,991)	(56,998)	85,268	(426,732)	(426,732)	606,562	40,338	566,225	*	(77,562)
Silver	(39,271)	60.0%	(5,414)	(33,857)		(8,041)	4,310	13,967	(104,508)	(118,943)	157,749	10,490	147,259		(18,425)
Platinum	(32,630)	54.9%	(2,792)	(29,838)		(5,473)	4,601	5,248	(77,942)	(77,941)	72,962	3,436	69,526	*	8,999
Palladium	854	79.0%	ψ (372)	1,226		(382)	4,511	4,354	(12,876)	(30,209)	7,495	4 (291)	7,787	÷	(1,304)
Grains	(100.005)	ro to/		(110.000)	-	40.000	040.004	055.010	(524.000)	(524.000)	4 457 500		1,486,178		(202.042)
Corn	(138,235)	<u>52.</u> \$%	(18,252)	(119,983)	-	48,223	216,924 75,359	255,612	(531,098)	(531,098)	1,457,563 744,707	(28,616)	719.341		(393,643) 33,060
Soybeans	(83,849)	57.7%	(22,371) 14,283	(61,478) (80,577)		(31,253) 58,735	81	172,227 72,519	(259,697)	(259,697)	464,030		485,549	1	(72,548)
Soybean Oil Soybean Meal	(66,294) (152,735)	1.3%	14,283 (12,248)	(140,487)	-	(33,391)	39,533	58,767	(156,907) (155,229)	(178,489) (185,399)	438,398	(21,520) 11,245	485,549	ĩ	(72,548) (2,521)
Chi. Wheat	44,498	86.0%	1,042	43,456		11,429	58,546	134,092	(41,948)	(52,983)	405,051	346	404,705	ž	(43,401)
K.C. Wheat	(2,040)	56.2%	(1,738)	(302)		15,520	42,670	45,419	(59,362)	(92,240)	165,081	\$ 5,221	159,860	ž	(43,401) (8,897)
Minn, Wheat	3,282	69.4%	462	2.820		3,340	20.054	22.200	(34,829)	(34,829)	49,229	1,192	48,036	-	326
Livestock	0,202	03.470	- 402	2,020	T	0,040	20,004	22,200	(04,023)	(04,023)	43,223	1,132	40,000	T	520
Live Cattle	(69,170)	33.7%	4 (6,319)	(62,851)	JL.	(6,056)	(11,940)	29.877	(98,197)	(140,692)	354,855	8.184	346,671	ŵ	6,711
Feeder Cattle	6,753	67.8%	(1,216)	7,969	j.	(1,373)	10,898	10,898	(1,979)	(6,339)	57,281	372	56,908		(4,253)
Lean Hogs	(21,849)	84.4%	7,262	(29,111)		16,373	(8,923)	33,882	(91,917)	(106,301)	256,091	(6,516)	262,607	ě.	(3,107)
Softs	(21,010)			(,,			(0,020)		(*	((0,0.0)		-	(0).0.7
Cocoa	(13,998)	63.2%	4 (6,247)	(7,751)	企	2,838	27,476	35,241	(85,075)	(95,012)	321,471	11,430	310,041		(998)
Coffee	12,918	96.6%	(3,159)	16,077	J.	(24)	16,077	93,948	(76,944)	(76,944)	253,175	(10,356)	263,531	-	4,238
Cotton	(12,810)	81.7%	6.267	(19,077)	1	7.144	15,495	38,991	(139,287)	(140,758)	264,306	2,086	262,220	4	(2,999)
Sugar	(241,585)	31.6%	4 (1,941)	(239,644)		(30,900)	30,989	191,053	(367,293)	(408,762)	1,071,353	1 23,471	1,047,883	P	62,442
Lumber	959	92.1%	4 (152)	1,111		(152)	1,192	2,245	(1,769)	(5,069)	2,910	4 (89)	2,999	1	523
Orange Juice	(5,789)	16.7%	4 (18)	(5,771)		(142)	5,054	8,247	(7,957)	(26,358)	12,822	1 355	12,466	Ŷ	495
Treasury Bonds															
US10Y	395,156	75.2%	41,798)	436,954		(19,505)	594,835	854,395	(211,165)	(572,683)	4,866,879	164,902	4,701,977	•	(214,286)
US30Y	74,893	42.7%	🖖 (15,940)	90,833		(18,936)	245,436	255,085	(52,122)	(138,851)	1,324,921	1,485	1,293,436		(72,821)
Currencies															
Dollar Index	(28,483)	30.5%		(27,443)	介	1,420	15,335	28,376	(47,727)	(100,848)	48,091	2,830	45,261		(428)
Euro	(185,094)	23.7%	🖖 (8,373)	(176,721)		(24,873)	91,985	276,880	(270,986)	(270,986)	882,260	40,593	841,667	Ŷ	84,075
Canadian Dollar	25,871	90.1%	1,147	24,724	Ŷ	9,667	38,035	112,295	(84,825)	(139,333)	180,484	12,935	167,549	Ŷ	22,415
Australian Dollar	43,771	51.5%	1,315	40,456		(10,635)	108,834	109,441	(25,302)	(118,940)	179,071	(9,181)	188,252	Ŷ	7,691
Japanese Yen	56,142	61.5%	4 (7,550)	63,692		(13,356)	138,352	190,891	(75,326)	(85,622)	246,677	🖖 (11,969)	258,646		(18,580)
British Pound	31,260	57.1%	ψ (2,813)	34,073		(16,777)	94,652	126,471	(53,046)	(112,894)	270,457	ψ (7,401)	277,858	Ŷ	3,699
Swiss Franc	15,771	70.3%	(610)	16,381	4	(4,602)	34,197	92,876	(27,822)	(57,227)	51,063	4,551	46,512	Ŷ	3,370
Cryptocurrency															
Bitcoin	(183)	48,7%	131	(314)	Ŷ	329	730	604	(1,050)	(754)	15,671	4 (1,972)	17,643		(4,346)
					-										

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

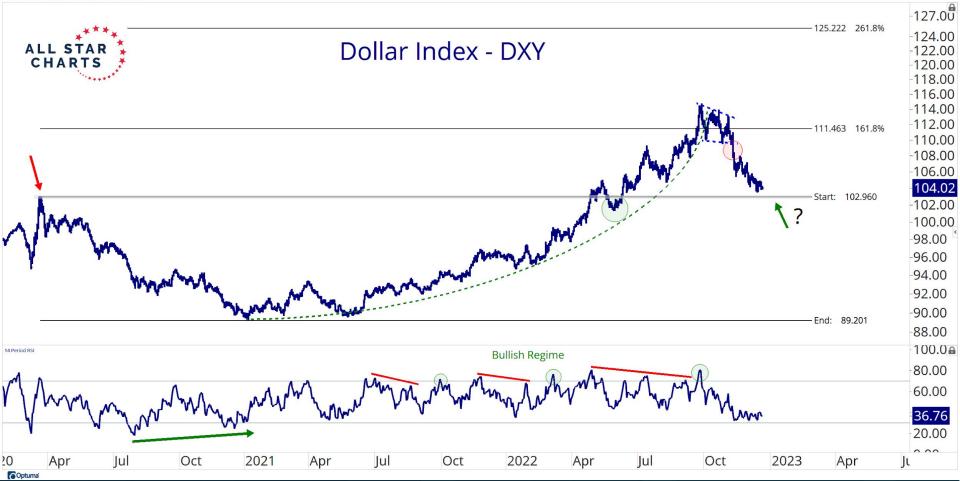
Currency Performance Table											
Name	Current Price	1-Wk. Change	1-Mo. Change	3-Mo. Change	6-Mo. Change	1-Yr. Change	3-Yr. Change				
Japanese Yen - JPY	0.0076	3.95%	6.59%	2.57%	-13.73%	-16.89%	-20.52%				
Brazilian Real - BRL	0.1923	1.80%	3.52%	-0.22%	10.44%	-21.14%	-20.95%				
Norwegian Krone-Swedish Krona - NOK/SEK	1.0556	0.58%	1.16%	3.21%	4.49%	0.72%	-0.60%				
EM Currencies ETF (CEW)	16.9	0.45%	2.96%	1.05%	-1.41%	-10.16%	-9.15%				
Chilean Peso - CLP	0.0011	0.44%	6.42%	0.00%	-1.74%	-14.46%	-7.81%				
Swiss Franc - CHF	1.0797	0.39%	3.07%	4.43%	-0.51%	6.09%	5.66%				
Singapore Dollar - SGD	0.7401	0.38%	1.84%	2.74%	1.19%	0.28%	0.29%				
Pound Sterling - GBP	1.2184	0.37%	2.49%	-0.54%	-7.75%	-6.28%	-6.72%				
ASC G-10 Ex-US Index	0.32	0.37%	2.25%	-0.57%	-7.34%	-5.87%	-5.71%				
Canadian Dollar - CAD	0.7346	0.28%	-1.67%	-4.65%	-4.91%	-3.37%	-4.01%				
Chinese Renminbi Yuan	0.1436	0.2500%	2.2500%	-3.8800%	-8.4300%	0.6300%	1.1600%				
Norwegian Krone - NOK	0.1011	0.24%	3.16%	0.08%	-8.49%	-9.25%	-8.57%				
US Dollar Index	104.15	0.17%	-3.43%	-0.28%	7.93%	6.59%	7.50%				
Euro - EUR	1.0621	0.15%	2.87%	1.04%	-5.82%	-4.10%	-4.81%				
Mexican Peso - MXN	0.0506	0.11%	-1.64%	2.55%	5.01%	-4.18%	-2.74%				
South African Rand - ZAR	0.0577	0.11%	-0.36%	-7.43%	-8.88%	-17.48%	-15.44%				
Indian Rupee - INR	0.0121	-0.07%	-1.35%	-5.70%	-8.32%	-13.93%	-13.91%				
Euro-Pound - EUR/GBP	0.872	-0.13%	0.43%	1.60%	2.13%	2.36%	2.08%				
BRICS Currency Index	0.05	-0.15%	-2.47%	-8.57%	-2.69%	-13.34%	-10.21%				
Swedish Krona - SEK	0.096	-0.18%	2.14%	-2.87%	-12.19%	-9.70%	-7.79%				
Commodity Currency Index	0.09	-0.22%	-0.46%	-5.42%	-3.06%	-11.13%	-7.70%				
New Zealand Dollar - NZD	0.6345	-0.29%	3.18%	0.23%	-5.49%	-3.90%	-2.05%				
Australian Dollar - AUD	0.6601	-1.47%	-1.10%	-5.05%	-7.16%	-4.35%	-0.88%				
Russian Ruble - RUB	0.0139	-2.79%	-15.19%	-23.69%	3.28%	-13.27%	0.26%				
Sterling-Yen - GBP/JPY	160.494	-3.50%	-3.80%	-2.99%	6.94%	12.79%	17.31%				
Euro-Yen - EUR/JPY	139.985	-3.62%	-3.37%	-1.42%	9.25%	15.47%	19.76%				
Aussie-Yen - AUD/JPY	87.975	-4.08%	-6.03%	-6.32%	8.90%	16.48%	25.25%				

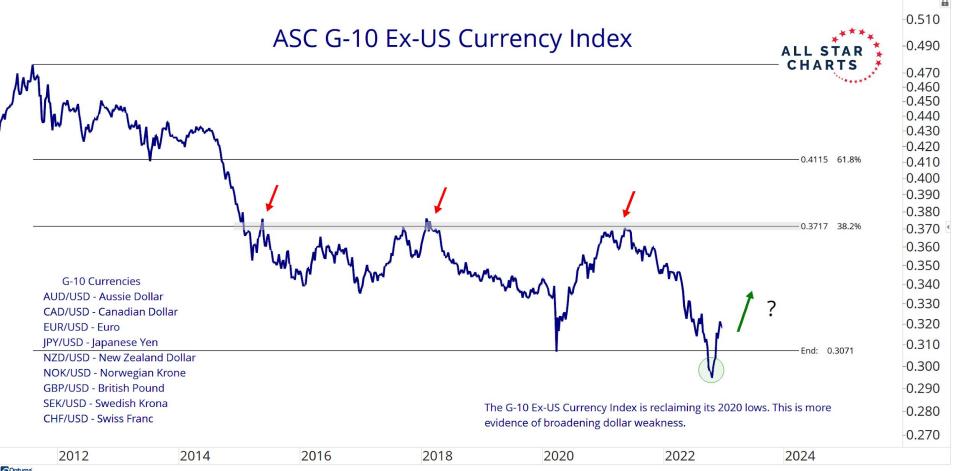
* All currencies denominated in USD unless otherwise noted



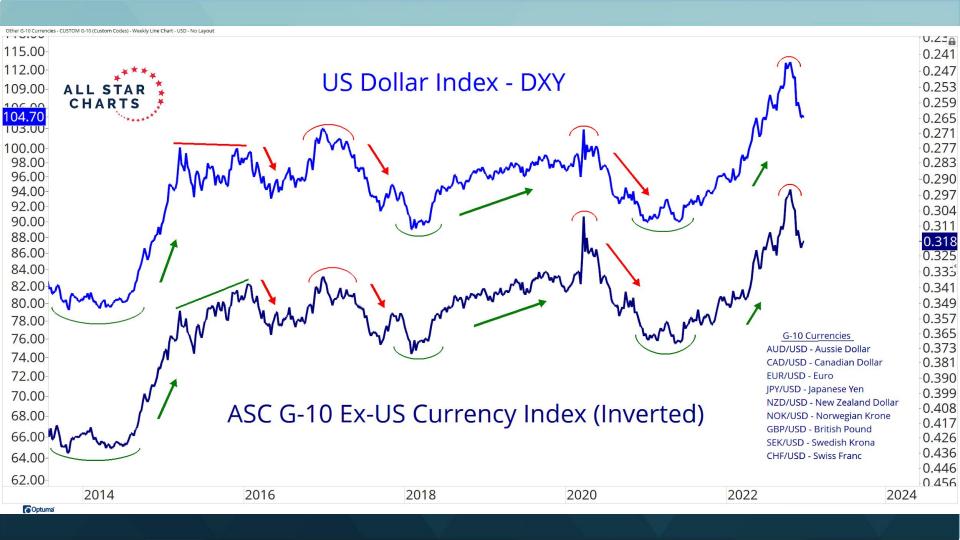


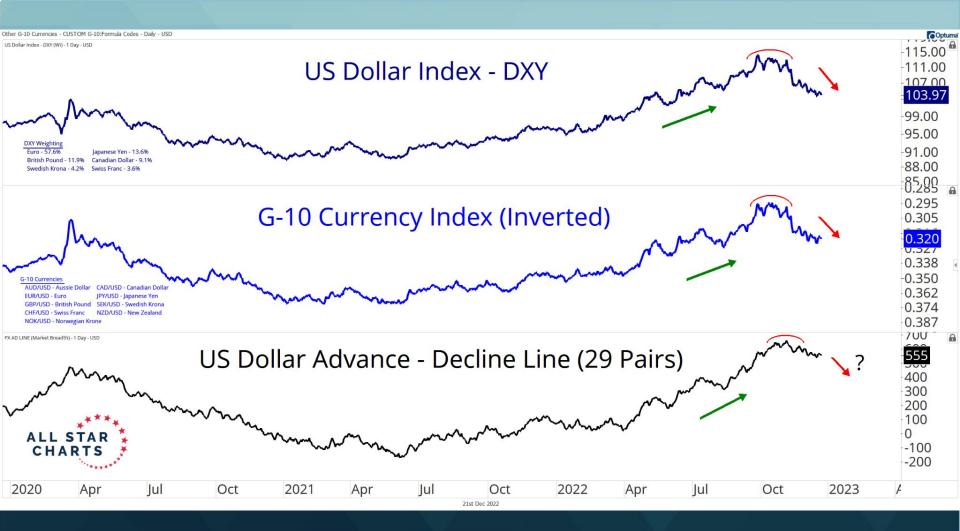






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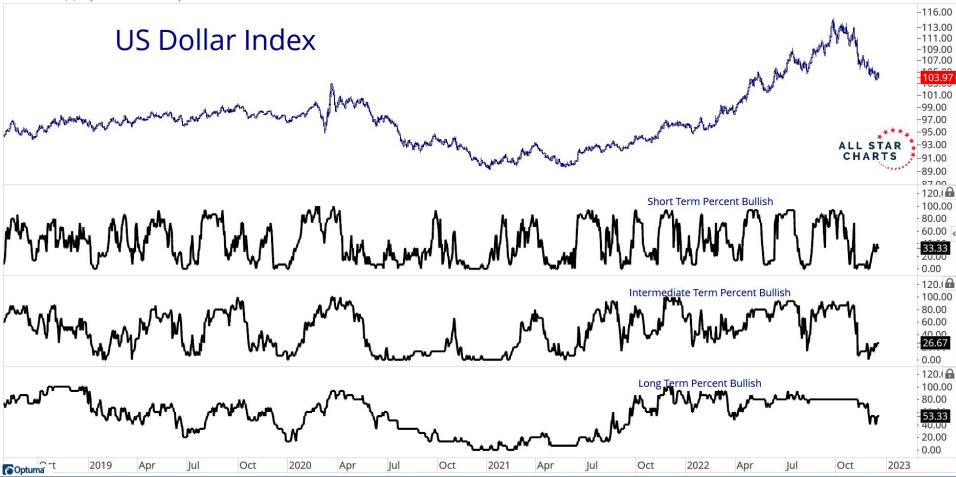


December 20, 2022

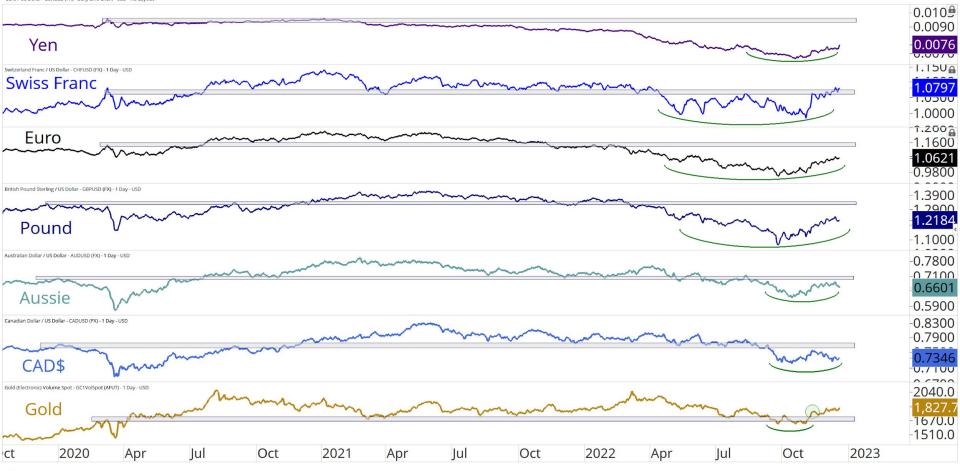
All Star Charts Trend Summary

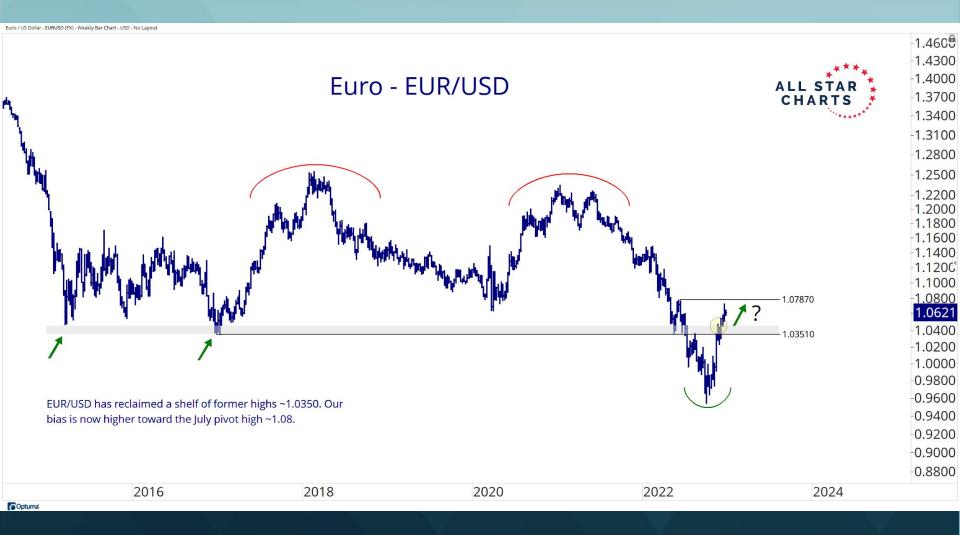
ALL STAR CHARTS

Ticker Name Short-Term Intermediate-Term Long-Term USDAUD US Dollar / Australian Dollar Neutral Bearish Bullish USDBRL US Dollar / Brazilian Real Bearish Neutral **Bullish** USDCAD Bullish Bullish US Dollar / Canadian Dollar Bullish USDCHF US Dollar / Switzerland Franc Bearish Bearish Bearish USDEUR Bearish Bearish Neutral US Dollar / Euro USDGBP US Dollar / British Pound Sterling Bearish Bearish Neutral USDINR US Dollar / India Rupees Bullish Bullish Bullish USDJPY US Dollar / Japanese Yen Bearish Bearish Neutral USDMXN US Dollar / Mexican Peso Bullish Neutral Bearish USDNOK **US Dollar / Norwegian Krone** Bearish Bearish Bullish USDNZD US Dollar / New Zealand Dollar Bearish Bearish Neutral USDRUB US Dollar / Russian Ruble Bullish Bullish Neutral Neutral Bearish USDSEK US Dollar / Swedish Krona Bullish USDSGD Bearish Bearish US Dollar / Singapore Dollar Bearish USDZAR US Dollar / South African Rand Bullish Bearish Bullish Percentage Bullish: 33.33% 20.00% 46.67% 13.33% 13.33% 33.33% Percentage Neutral: Percentage Bearish: 53.33% 66.67% 20.00%









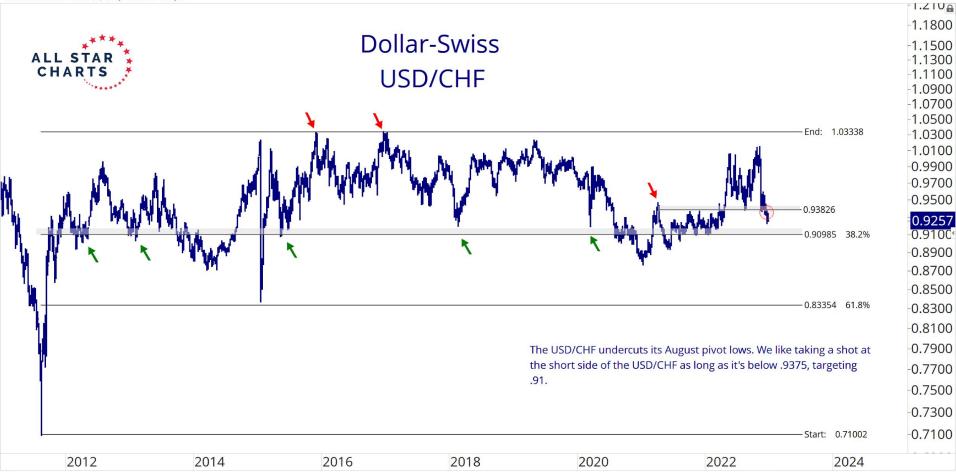




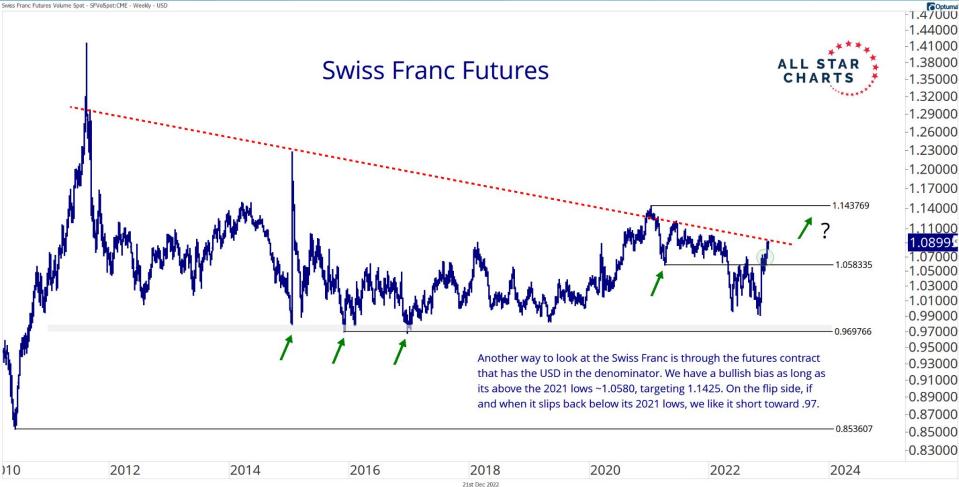
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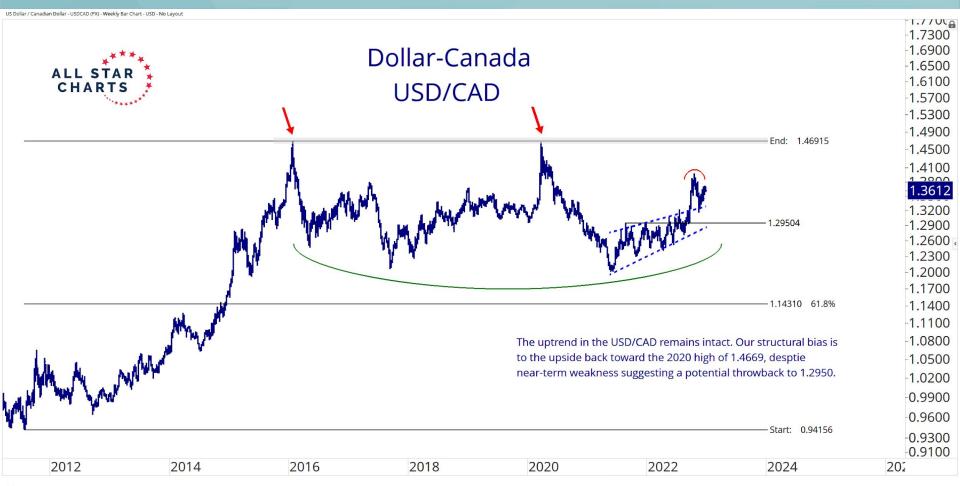


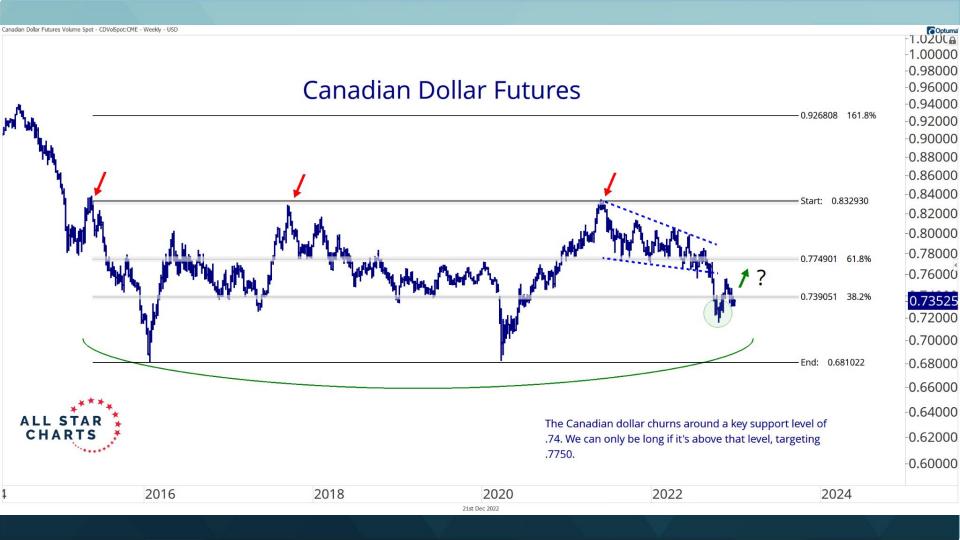




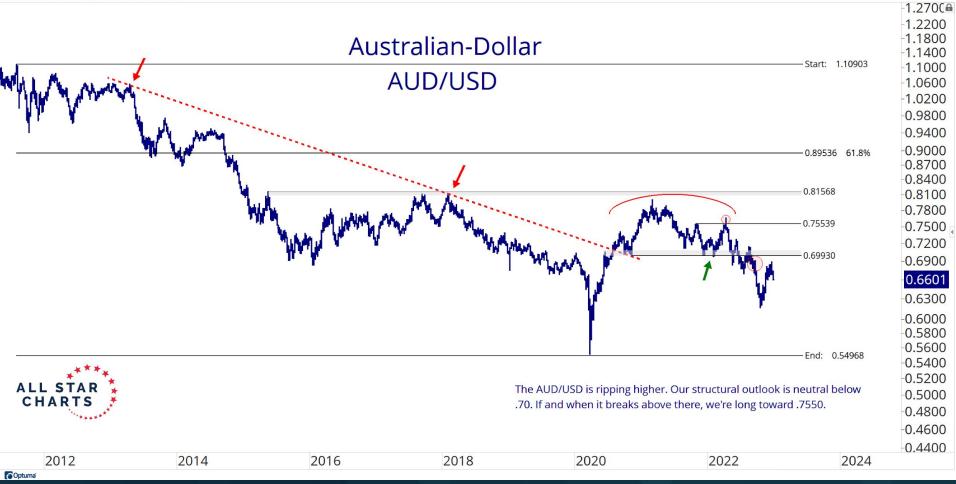


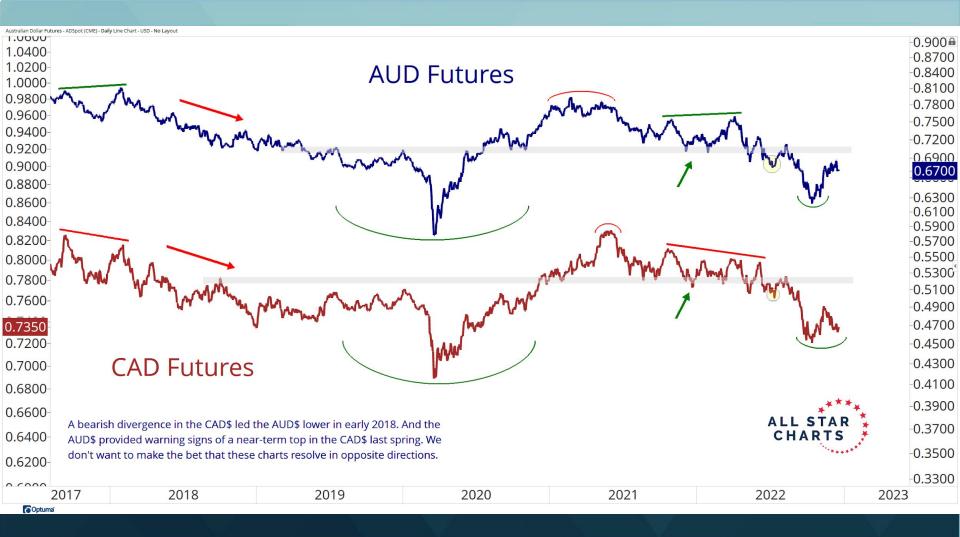


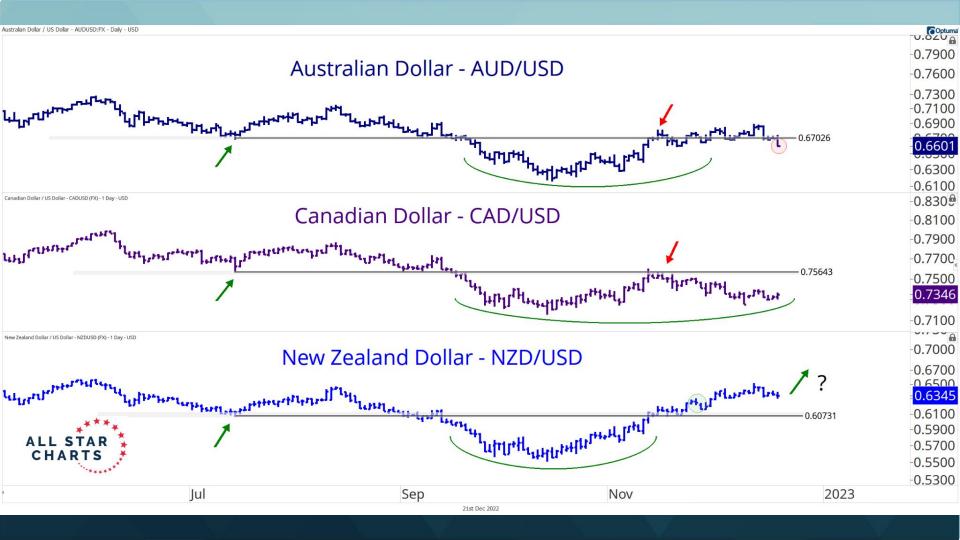


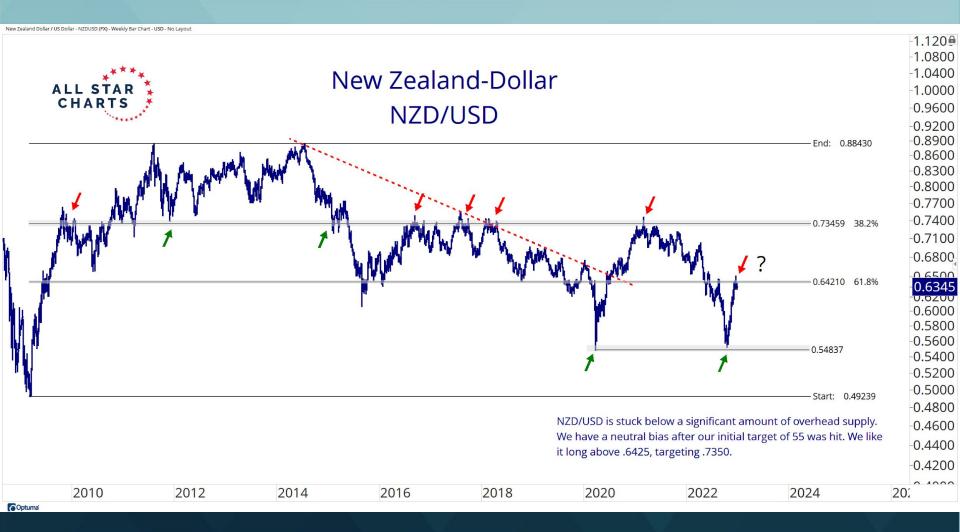


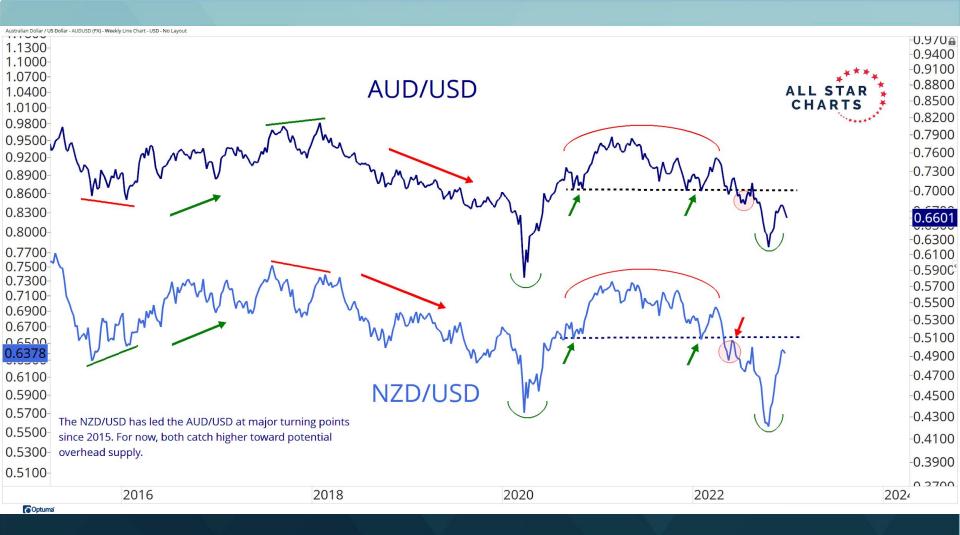


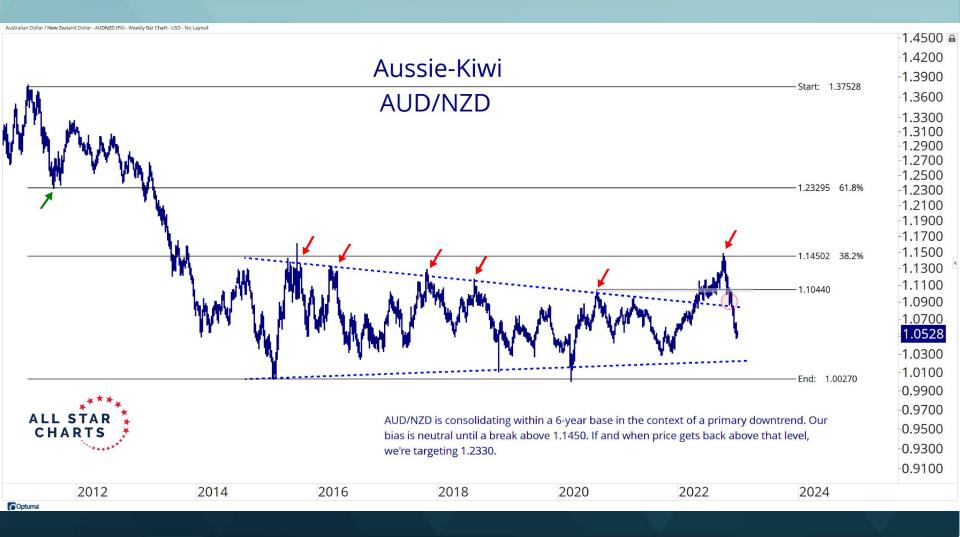


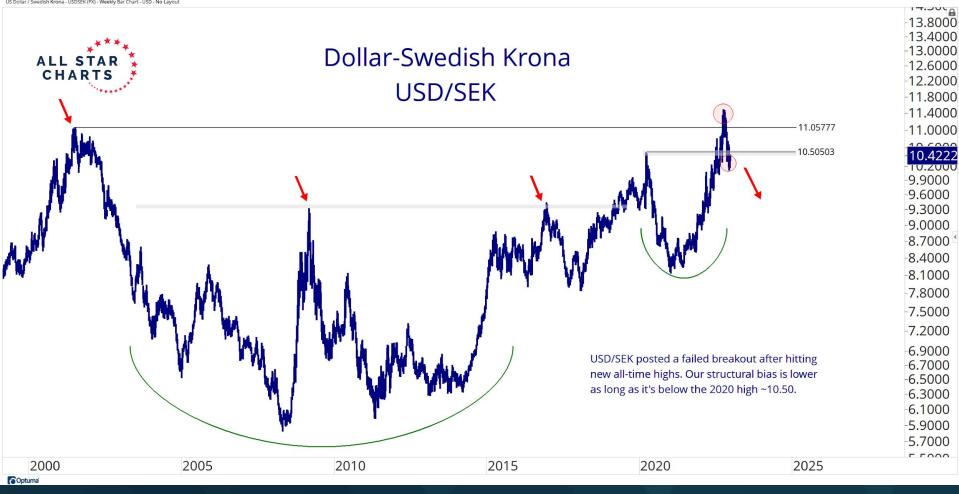




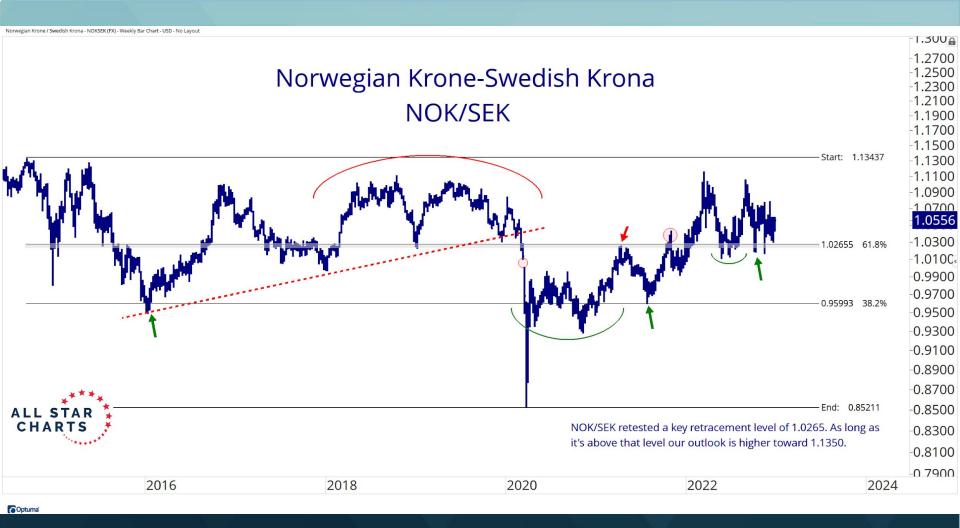


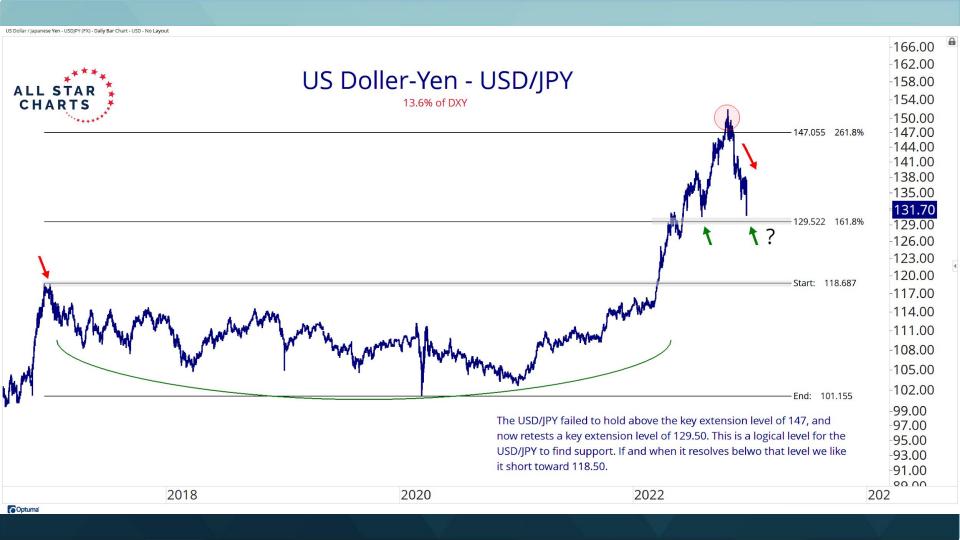


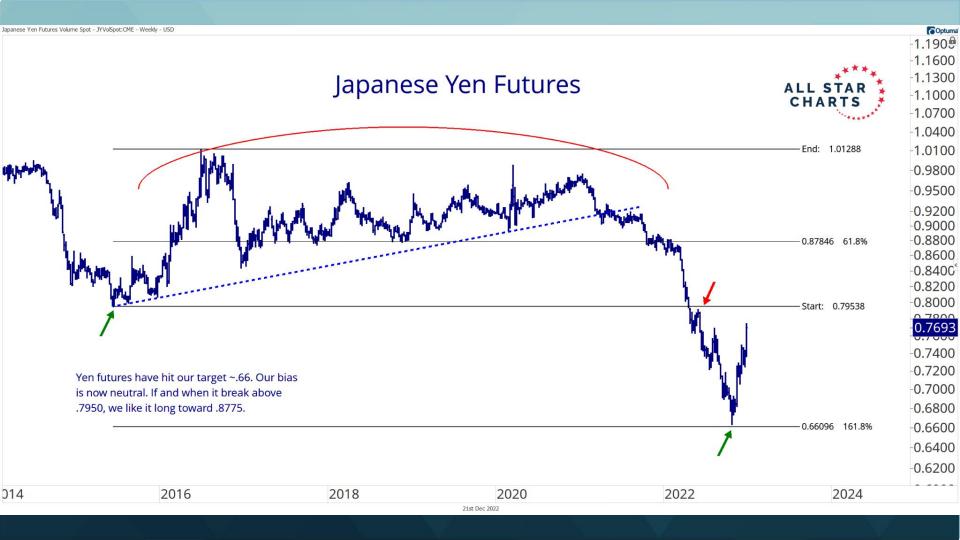


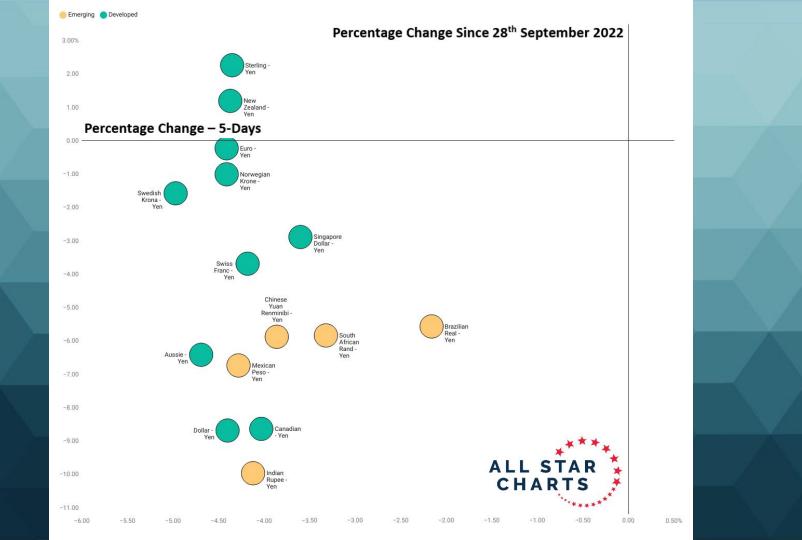


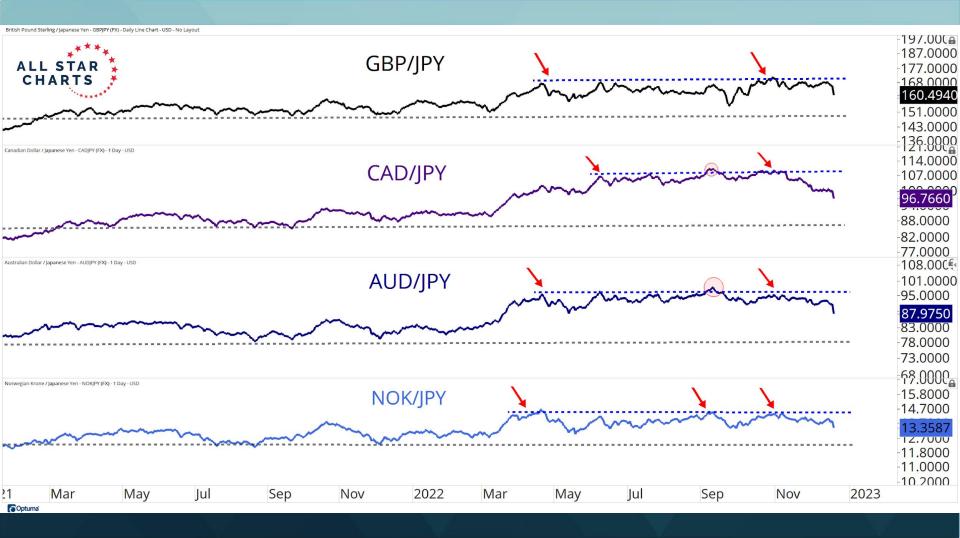


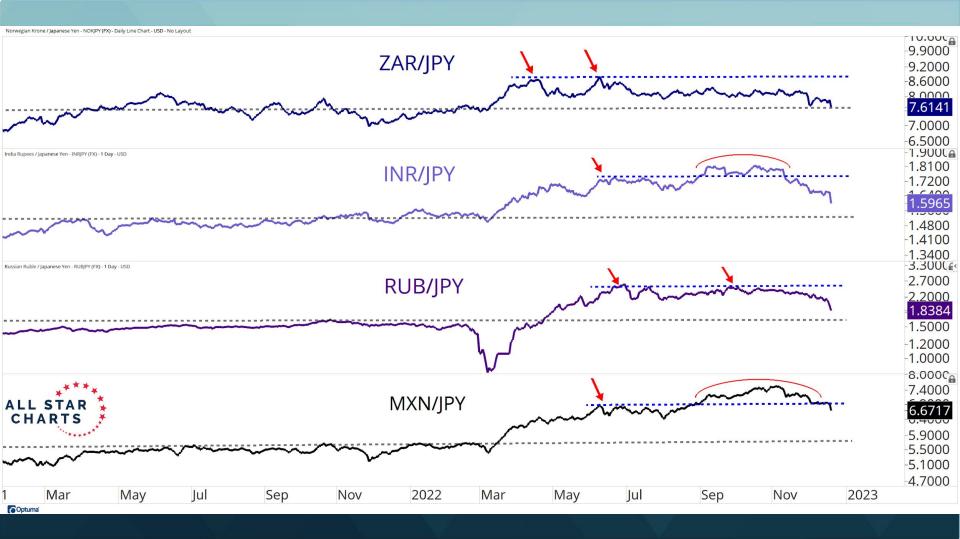


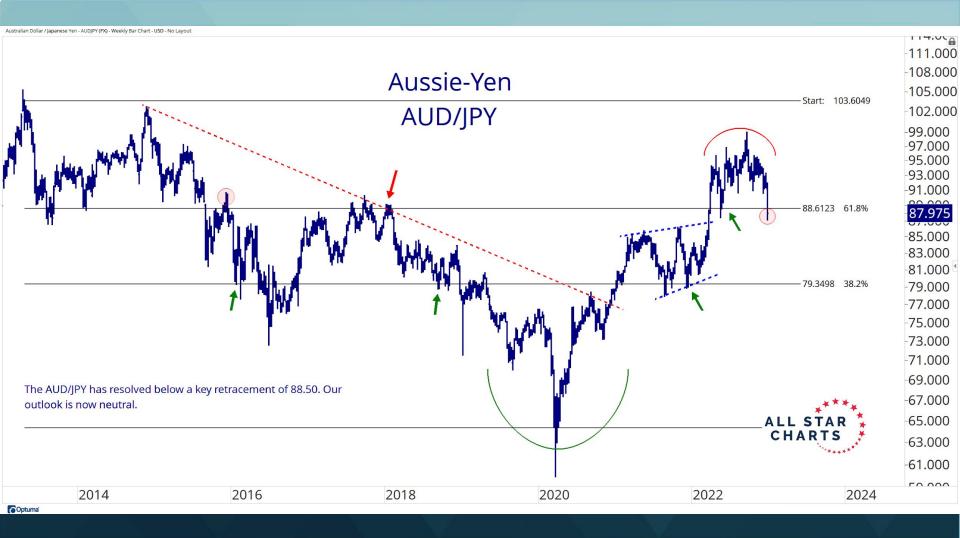


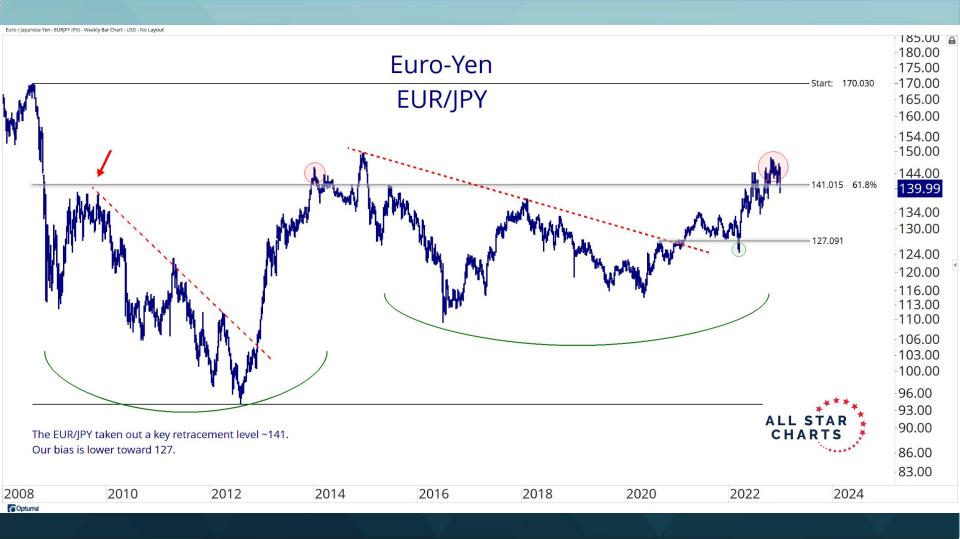


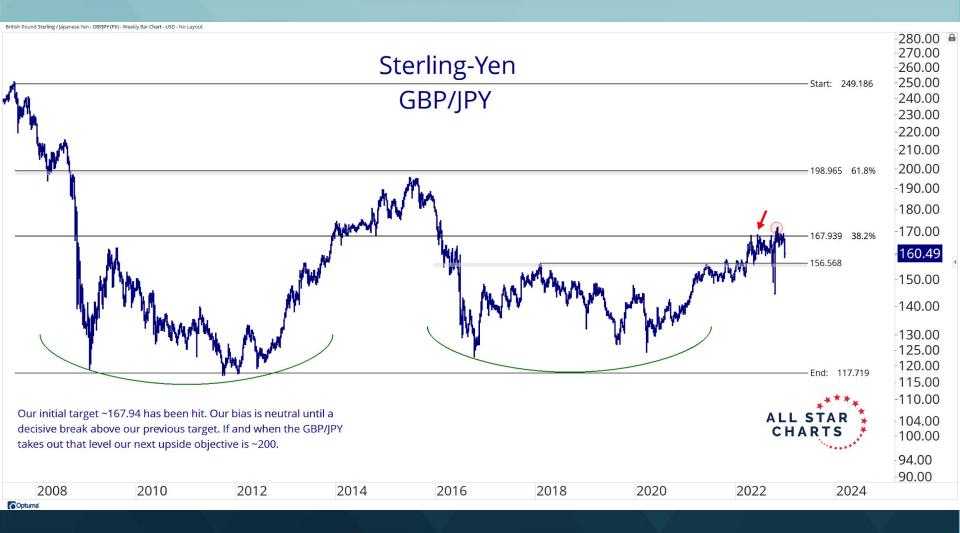




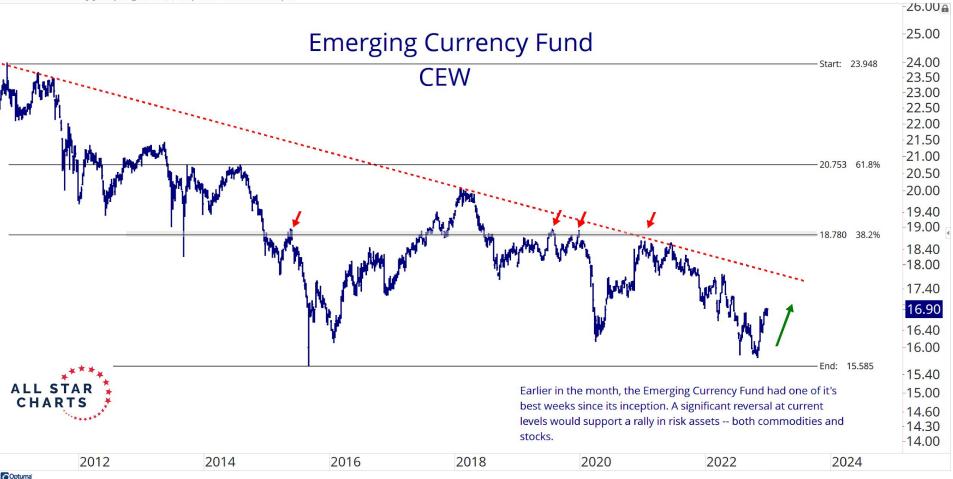




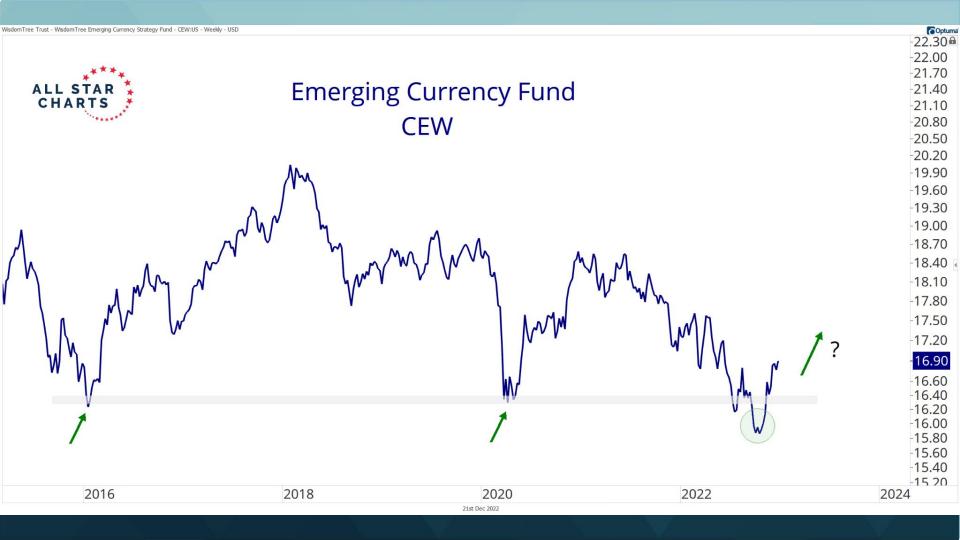


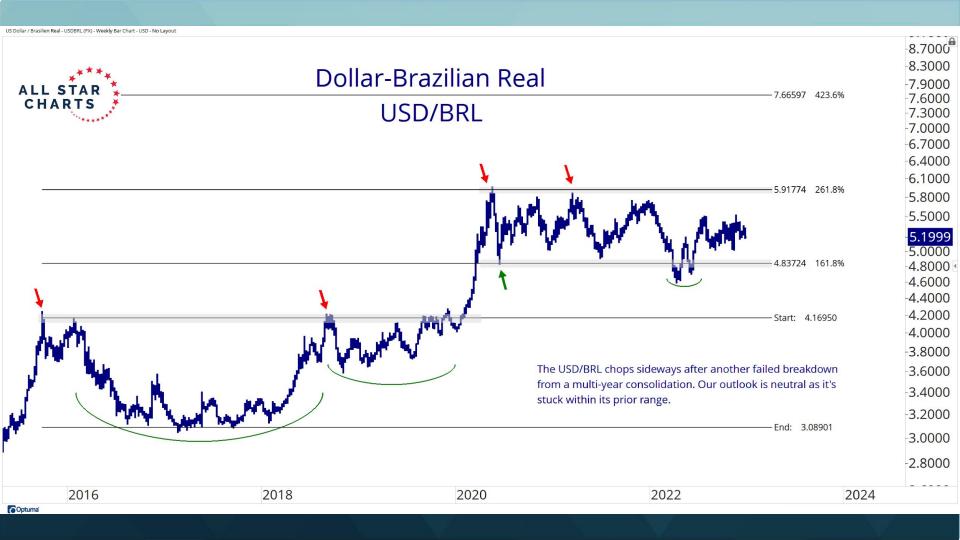


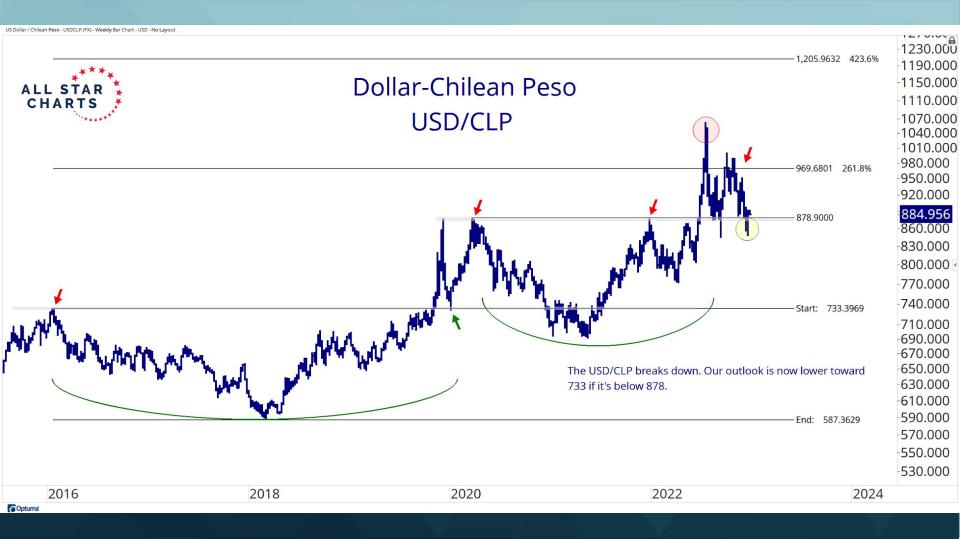


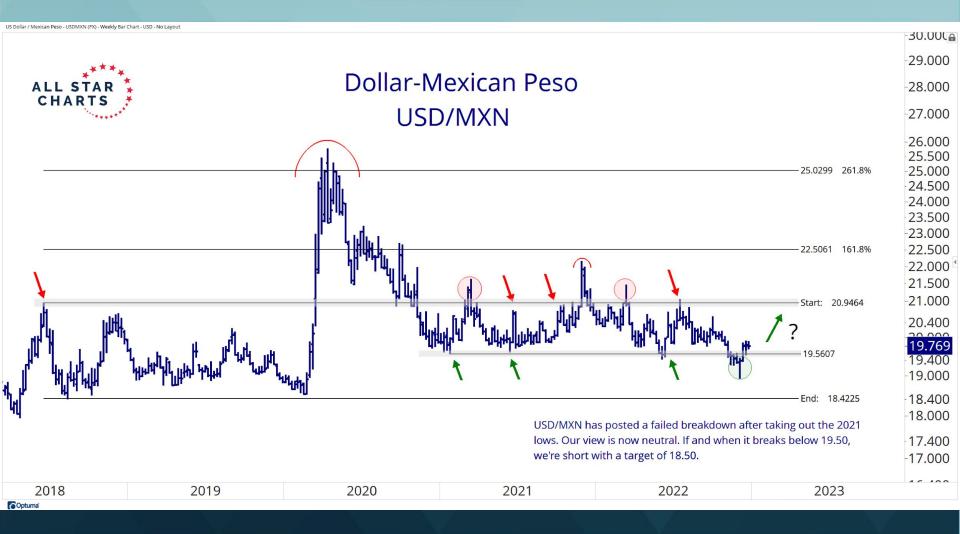


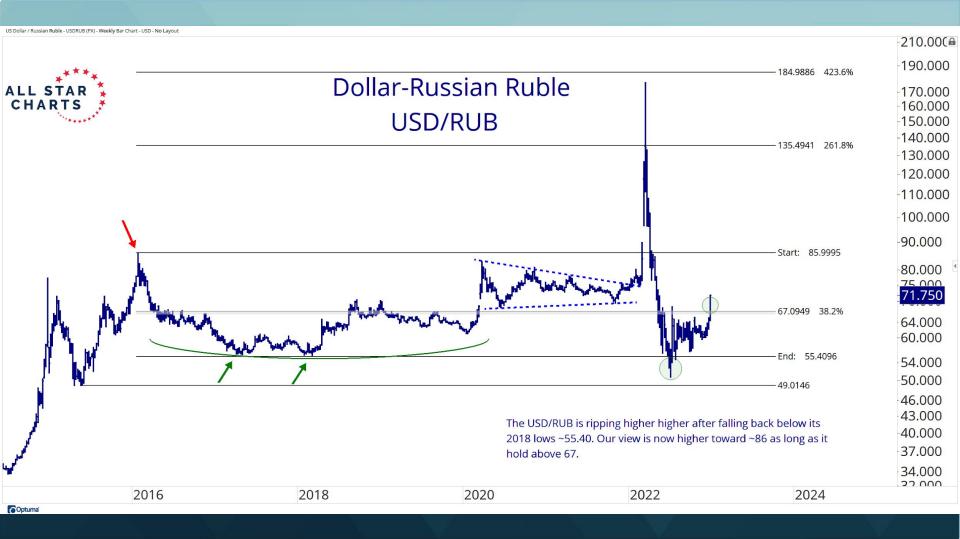
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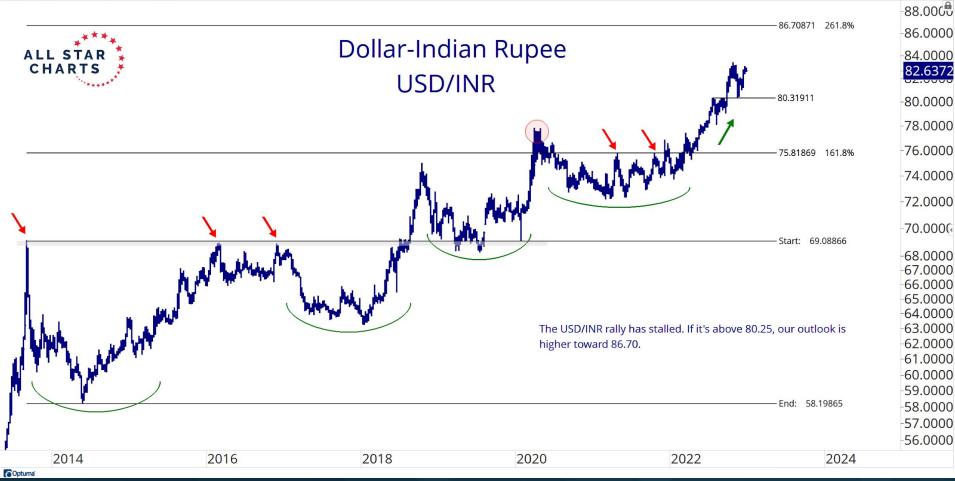


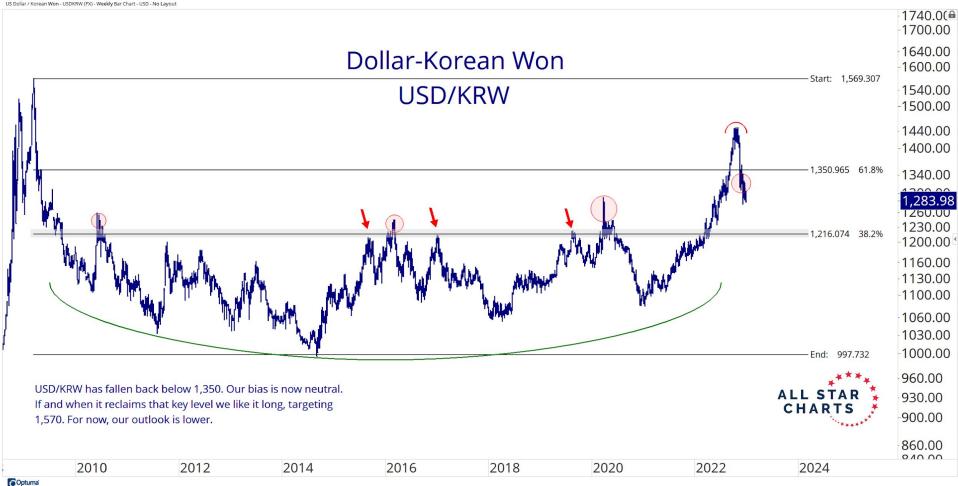


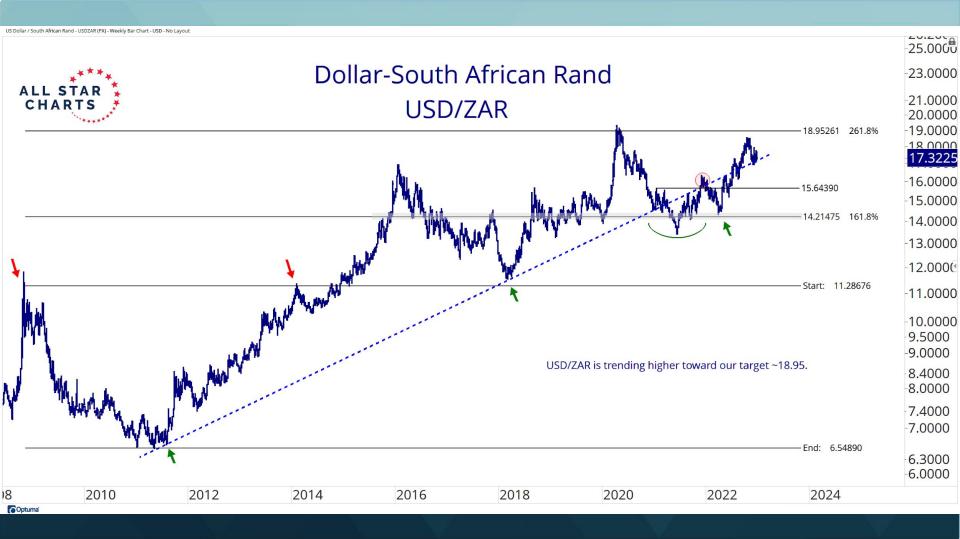


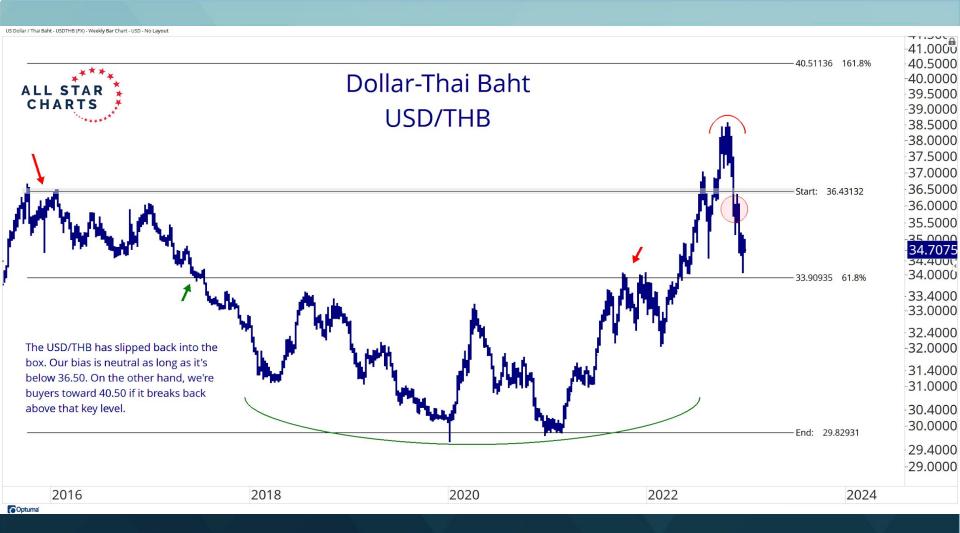


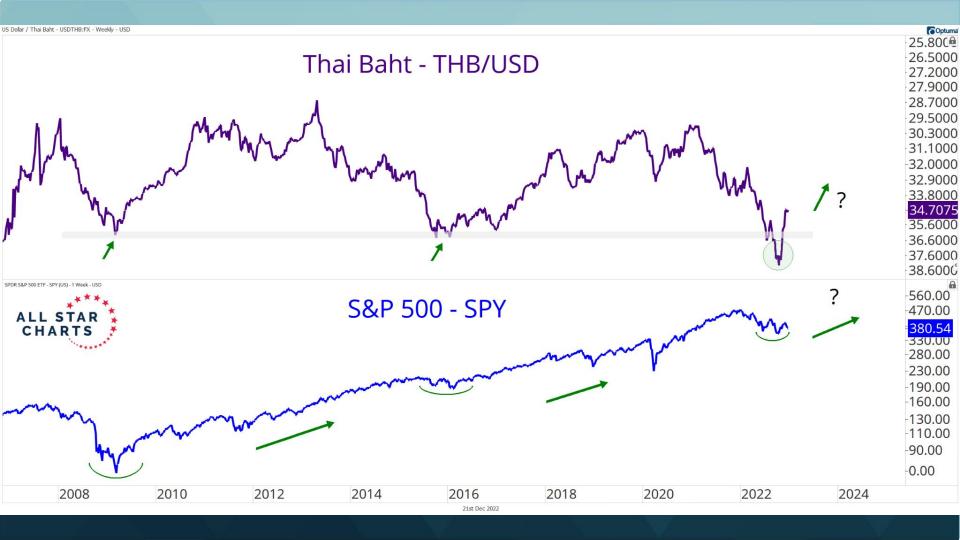














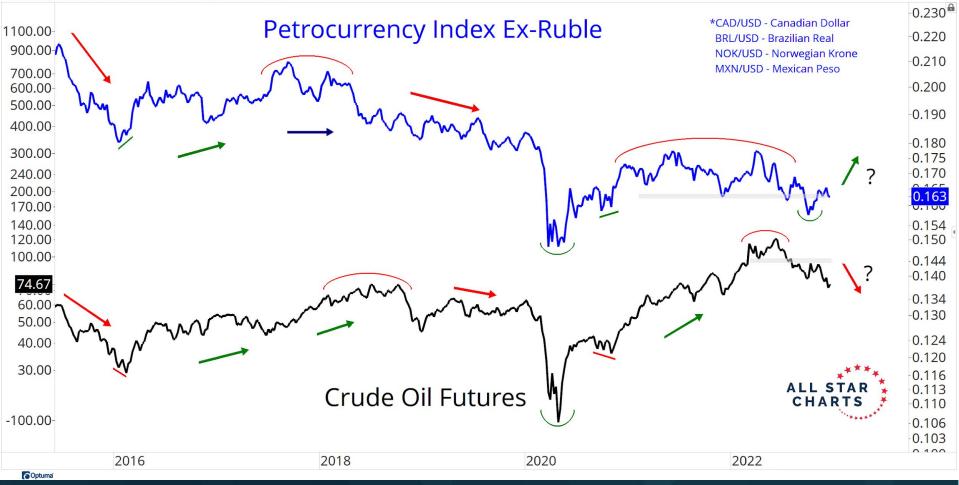
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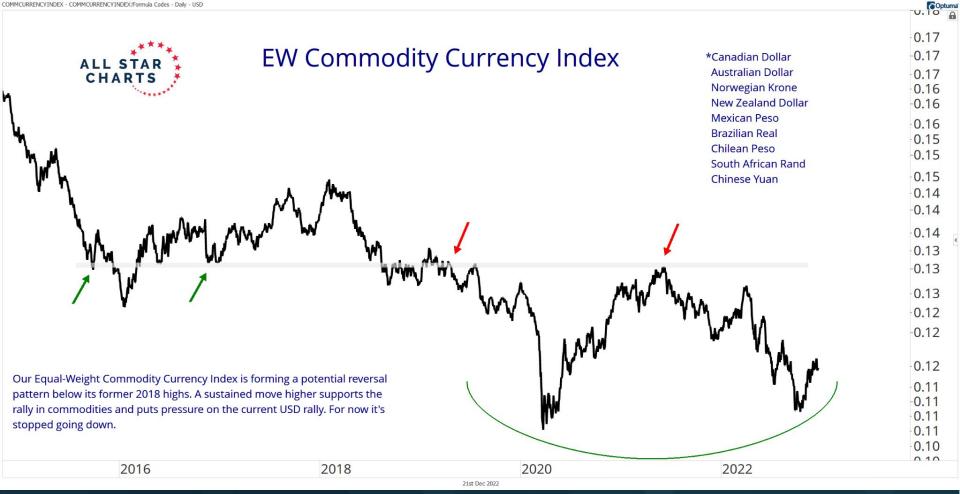




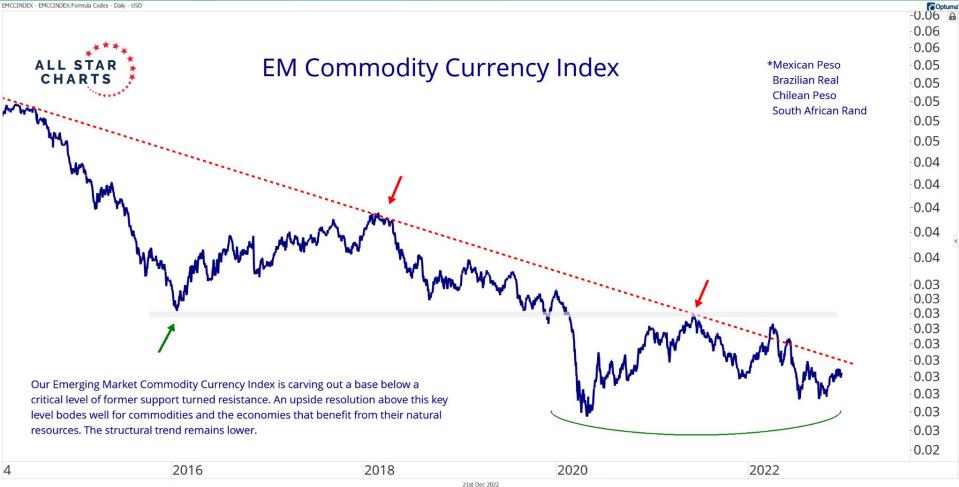
PETROCURRENCY INDEX EX-Ruble - PETROCURRENCY INDEX EX-RUB (Custom Codes) - Weekly Line Chart - USD - No Layout

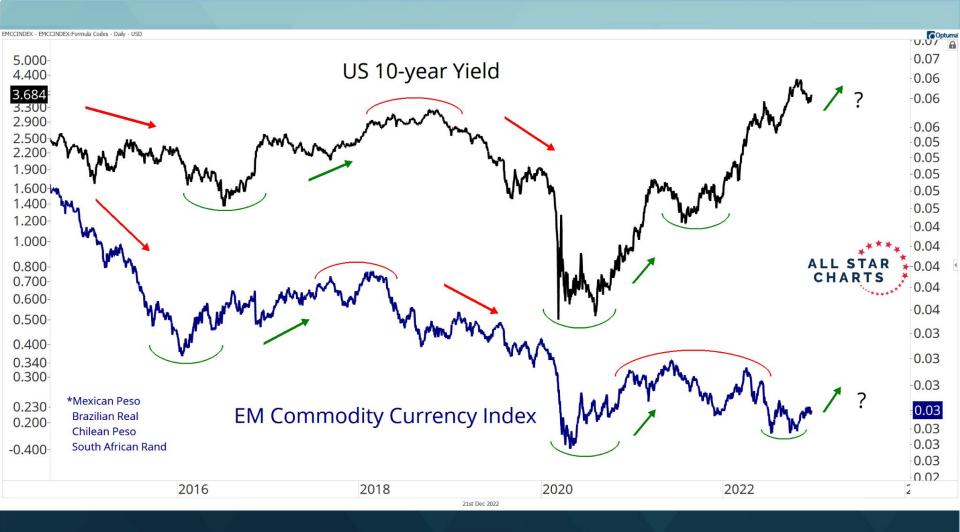


COMMCURRENCYINDEX:Formula Codes - Daily - USD



EMCCINDEX - EMCCINDEX:Formula Codes - Daily - USD





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