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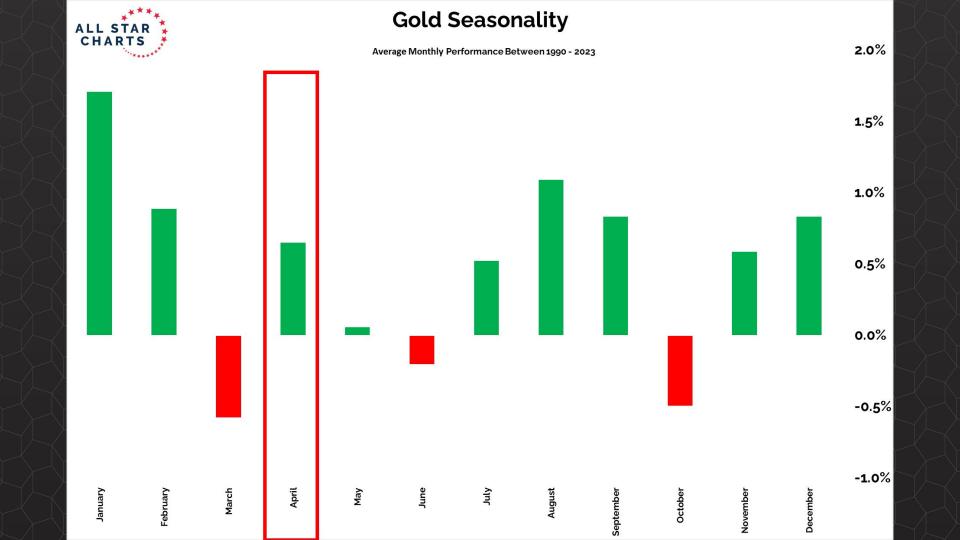
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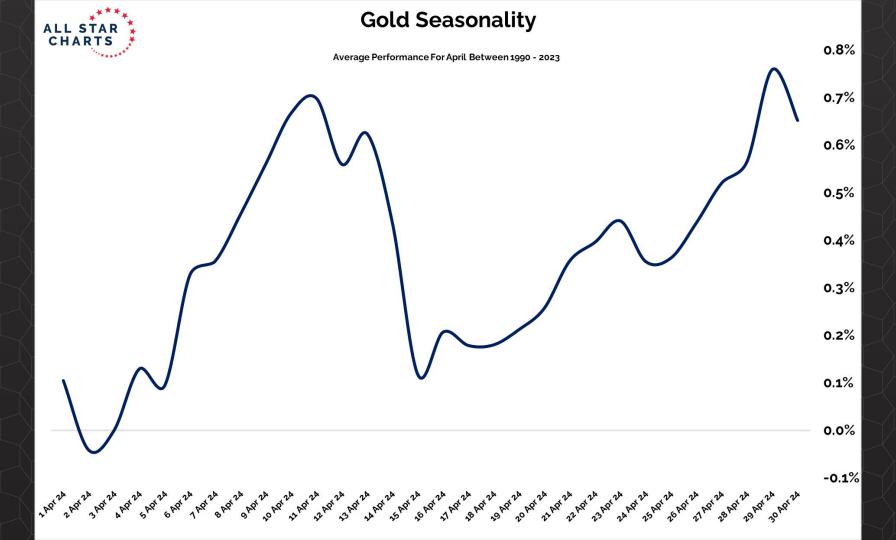
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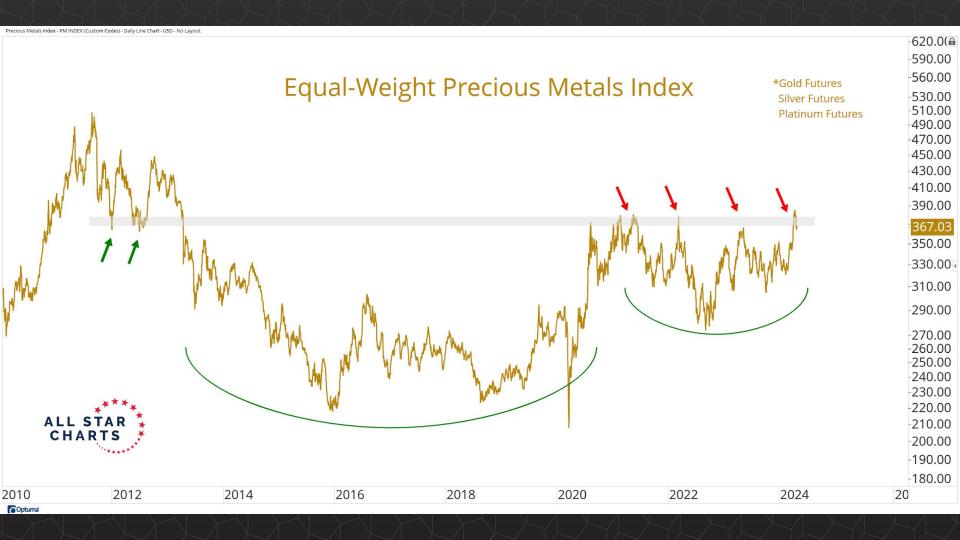
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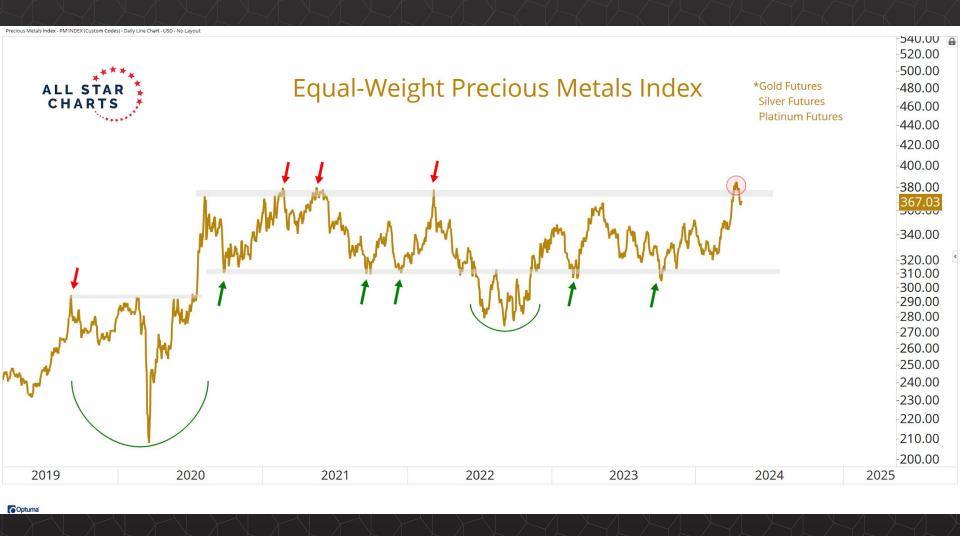




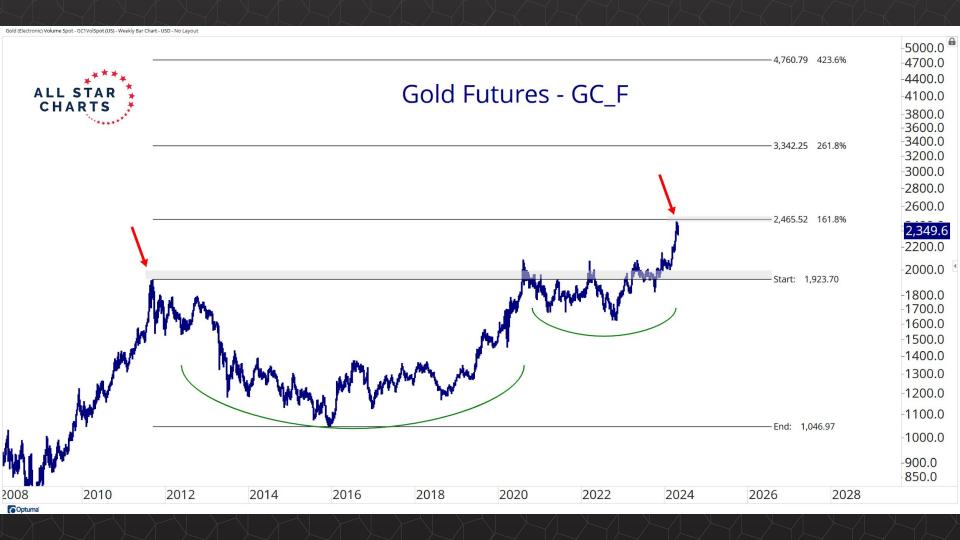


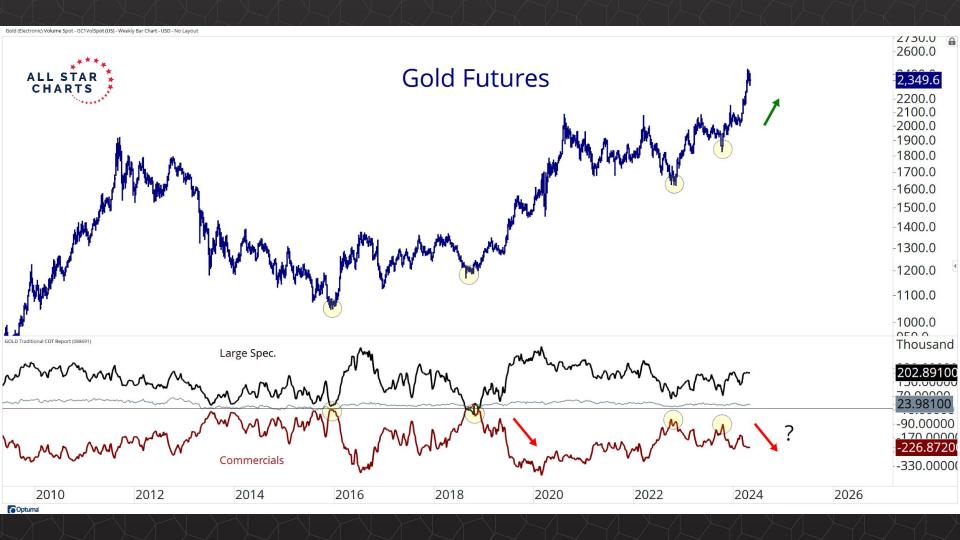


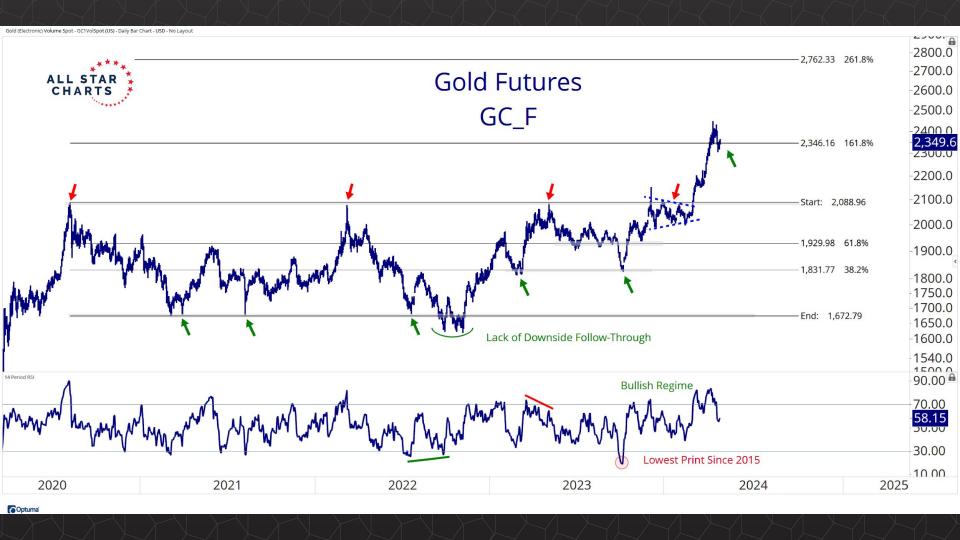










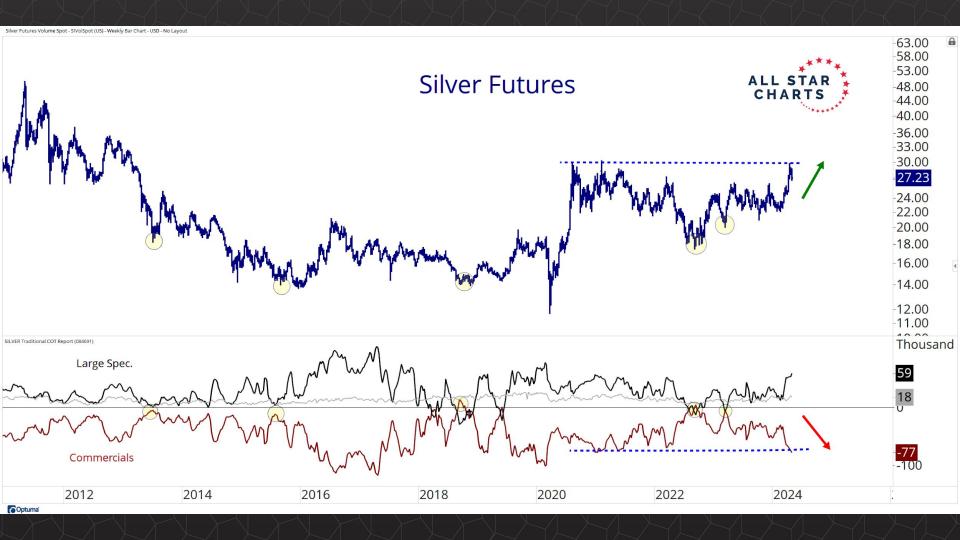








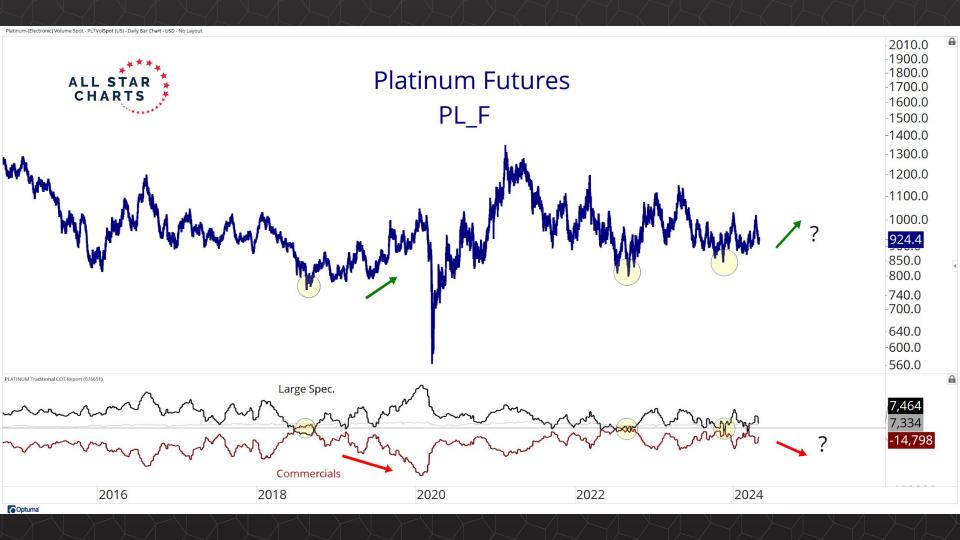


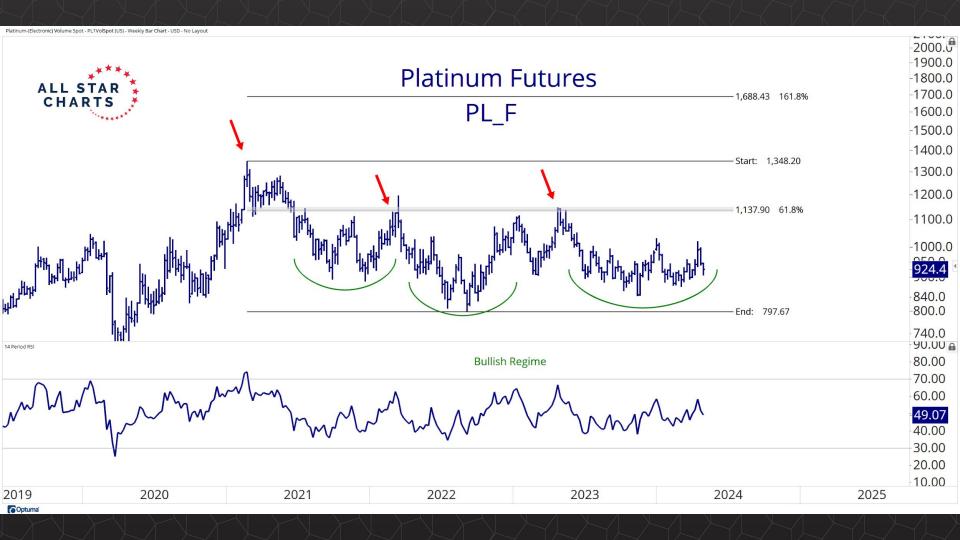


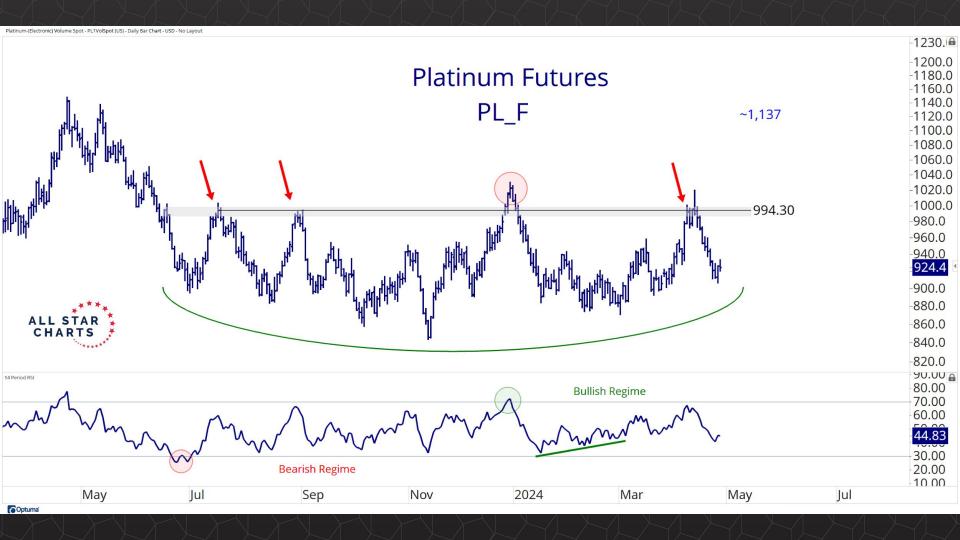


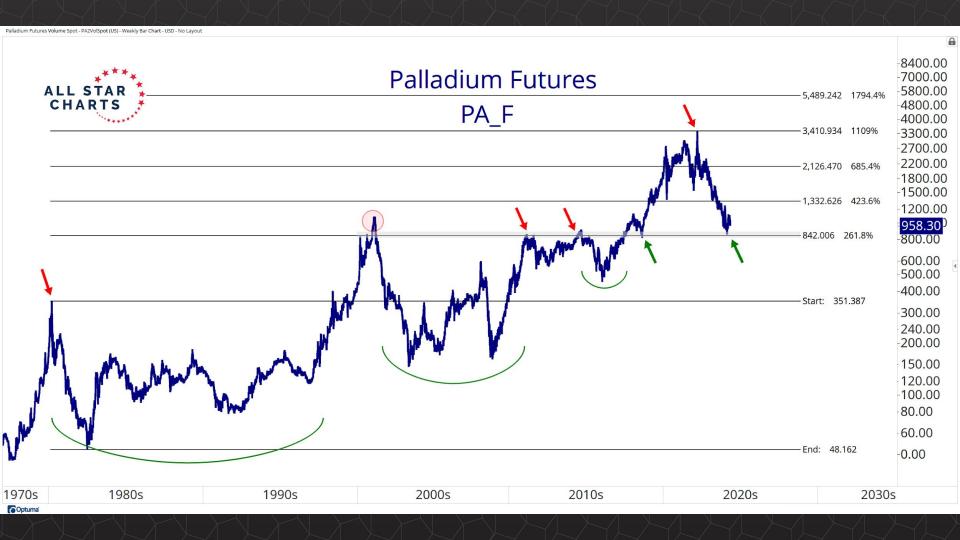


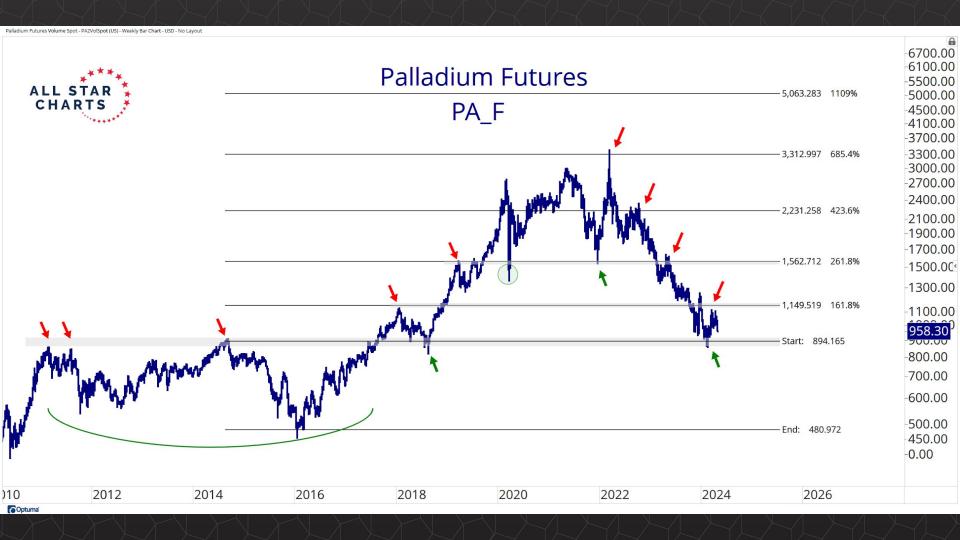


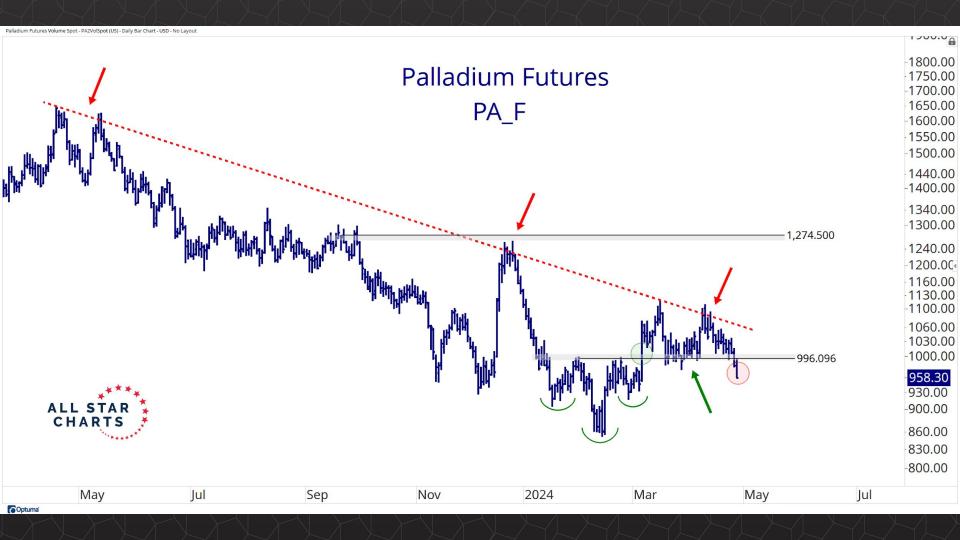


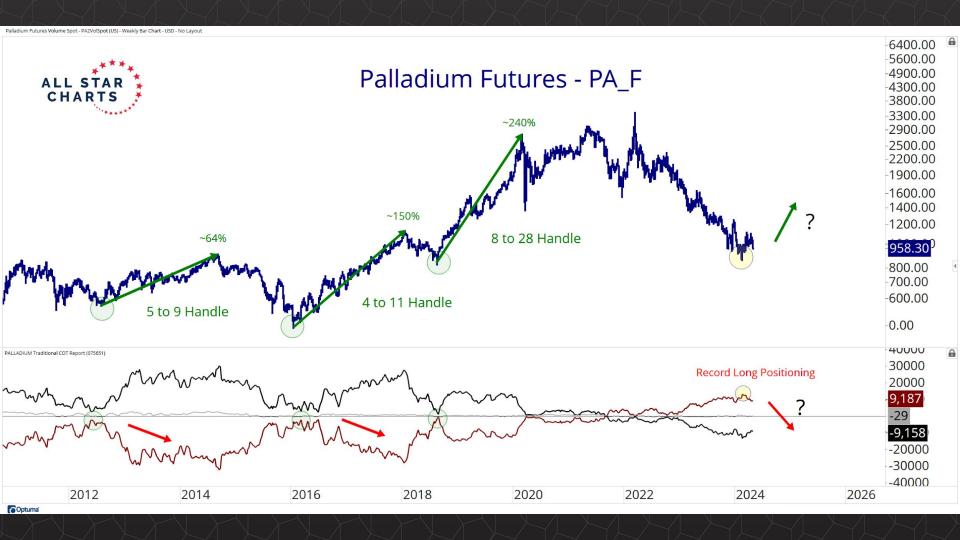


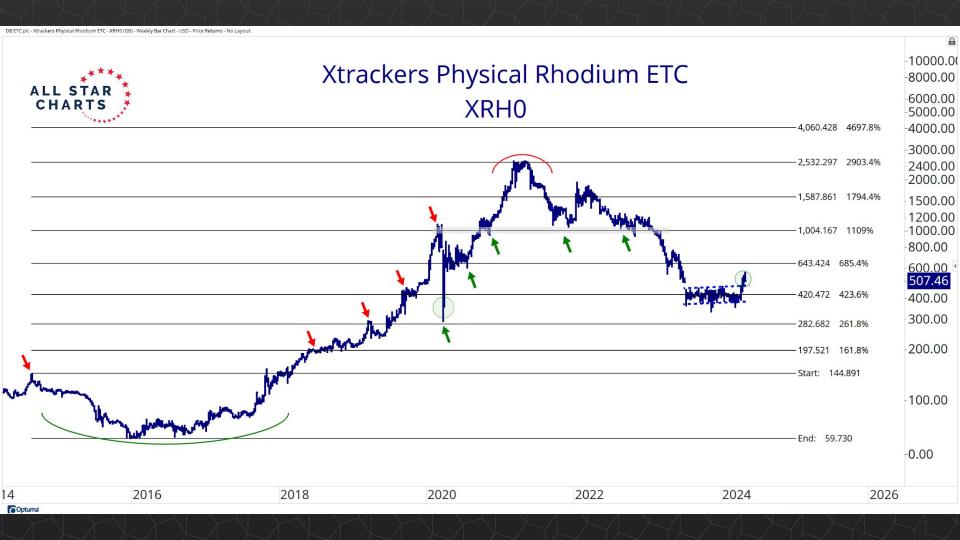


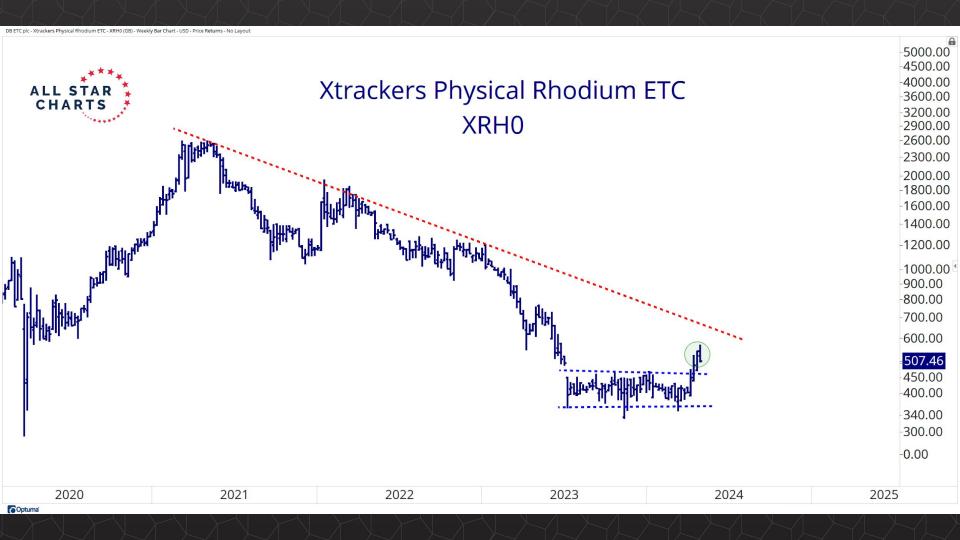


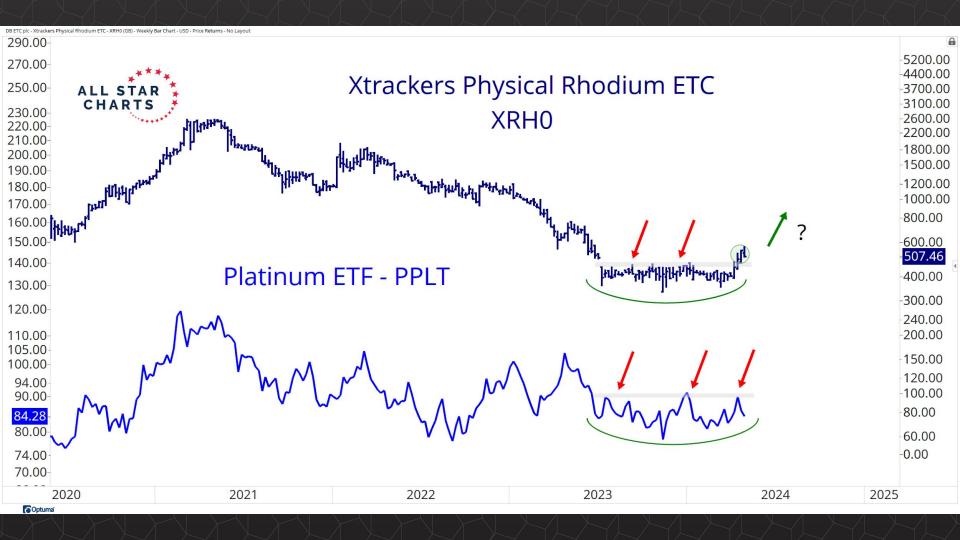






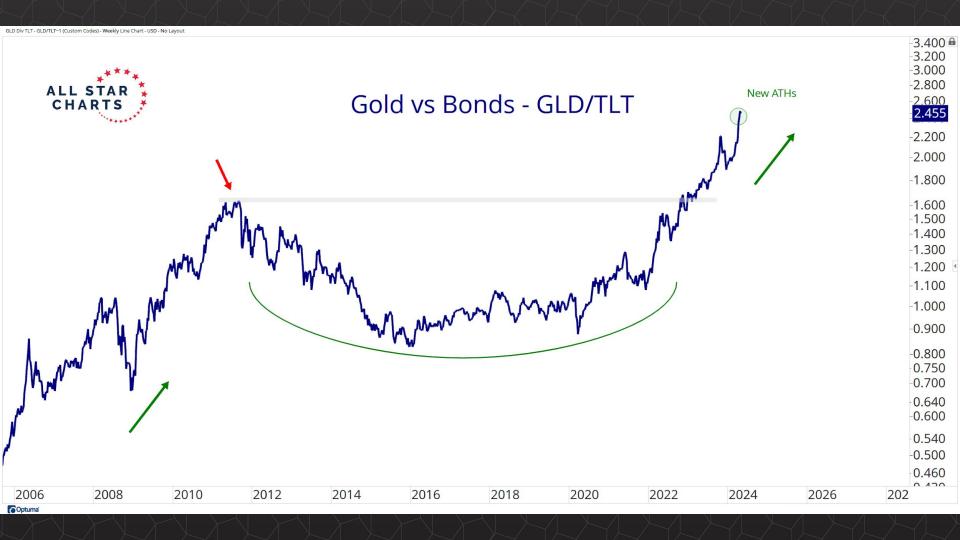


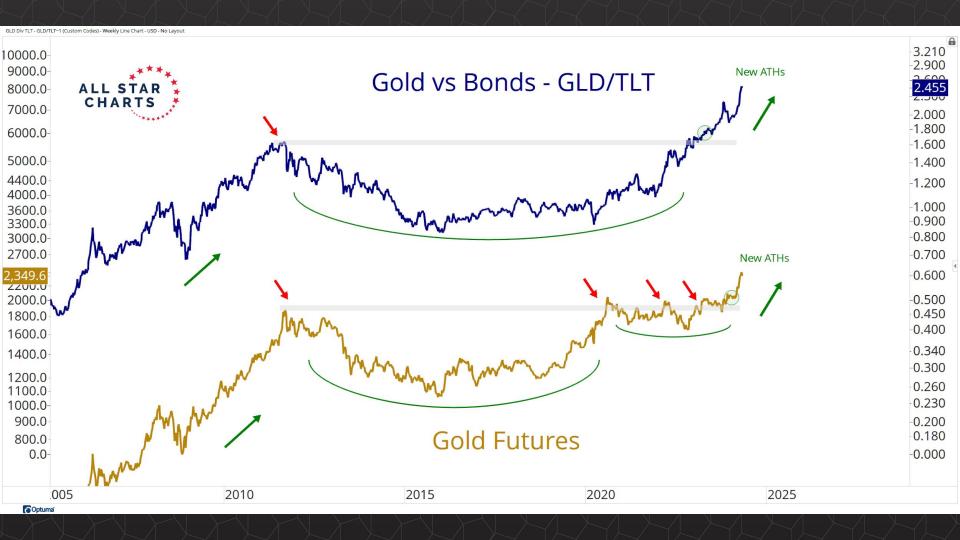


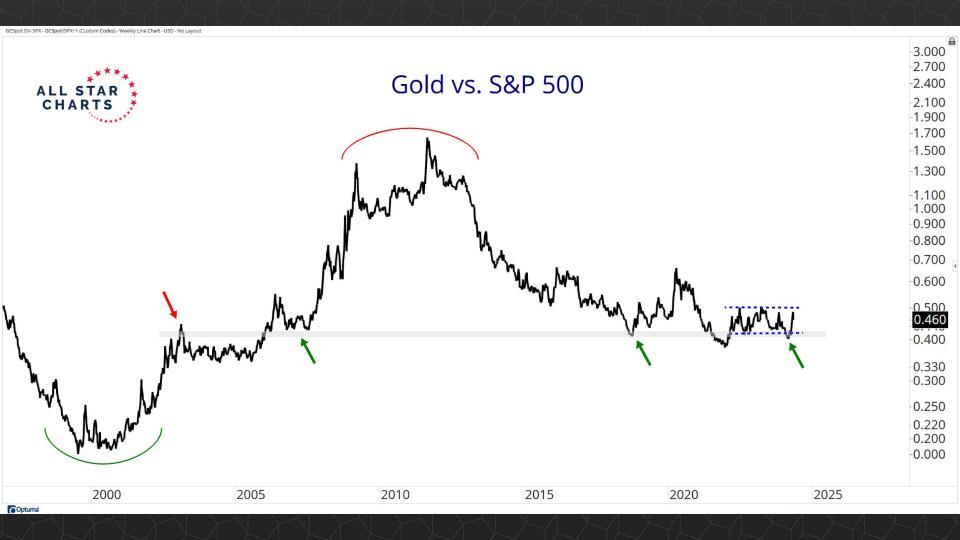


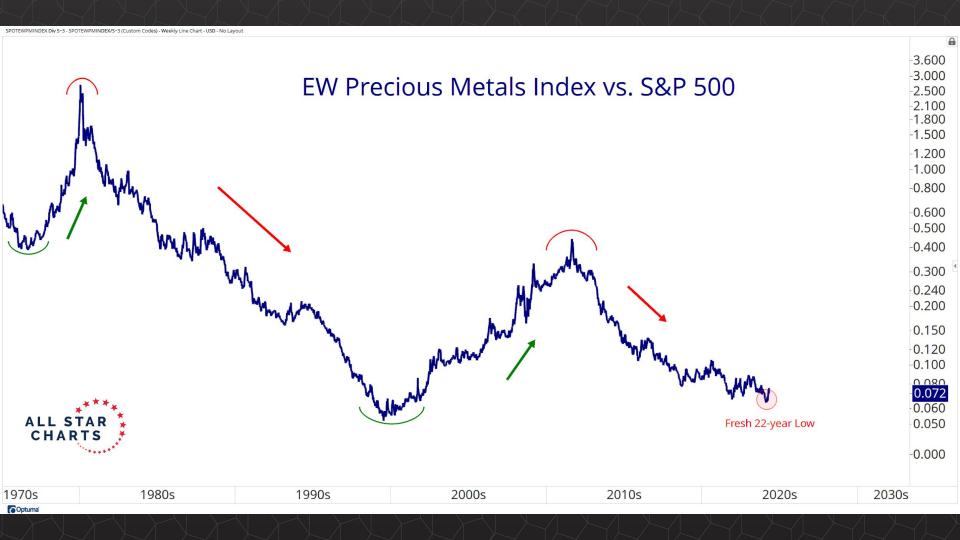
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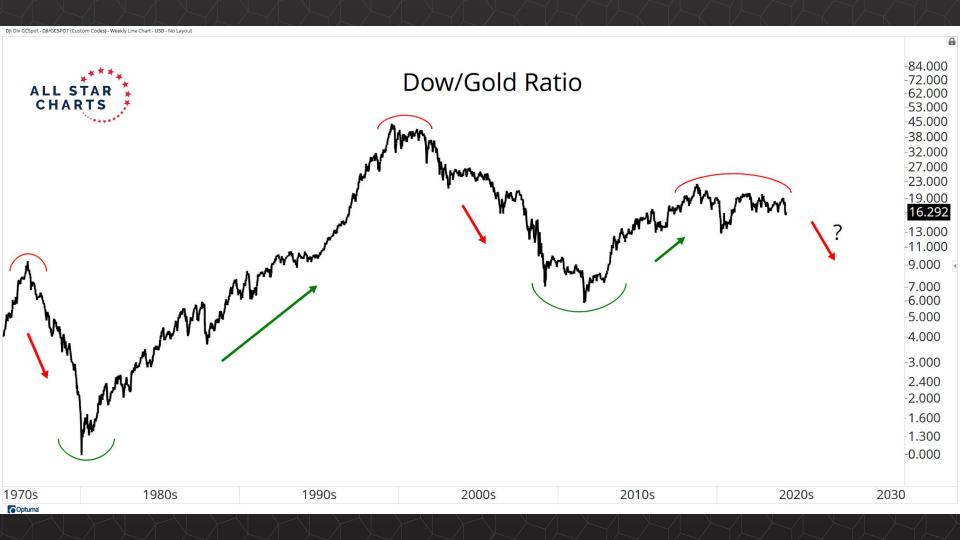


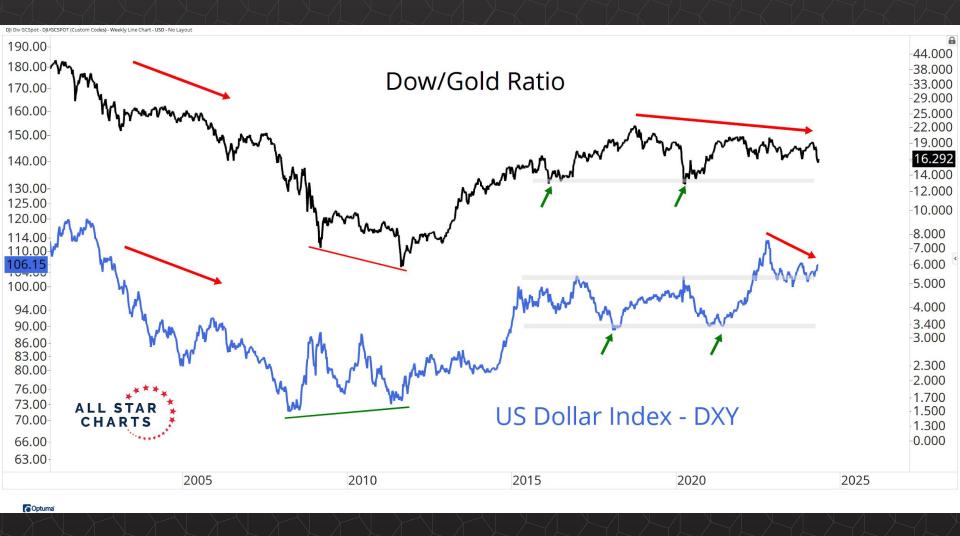


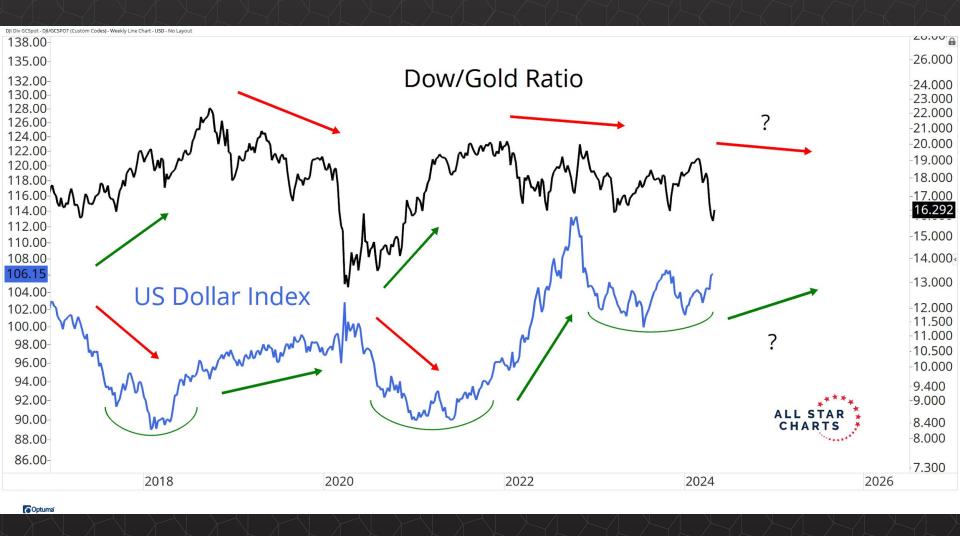


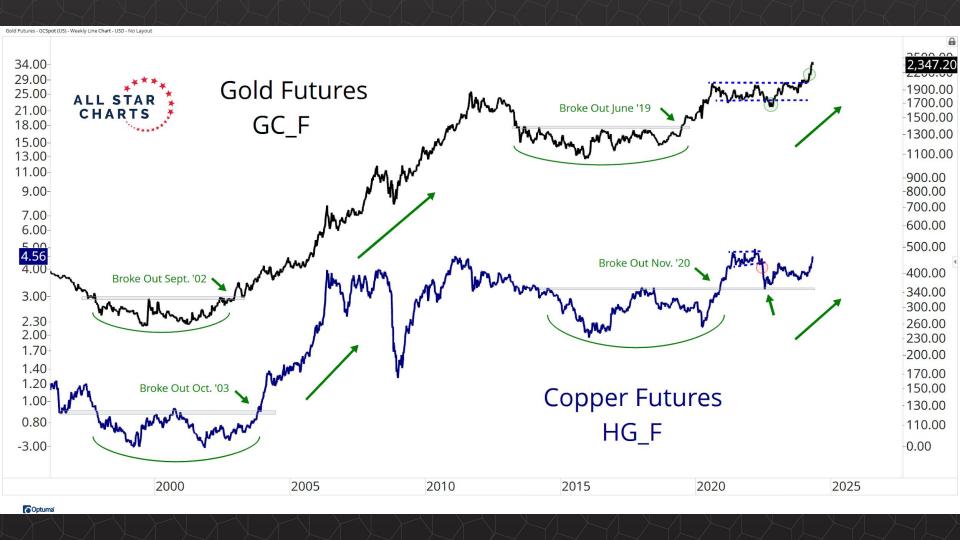


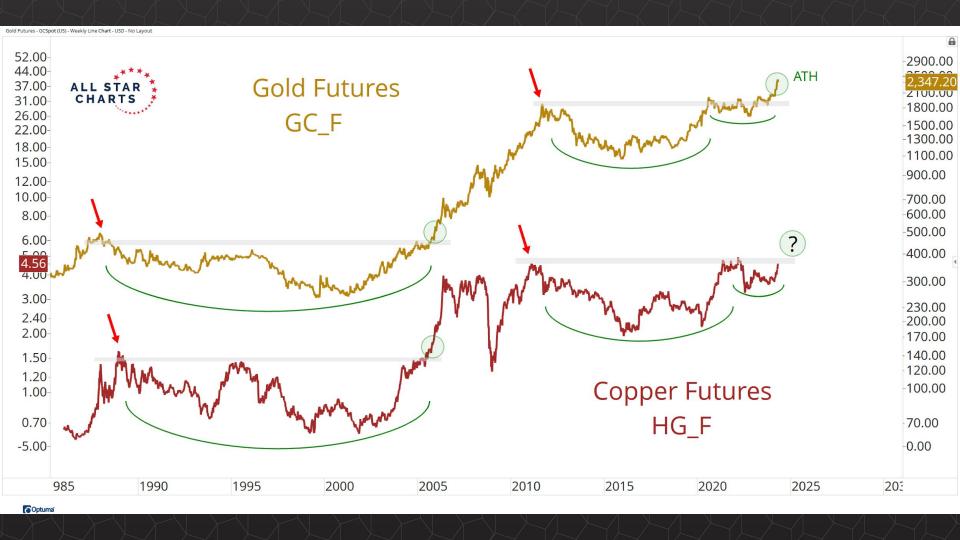










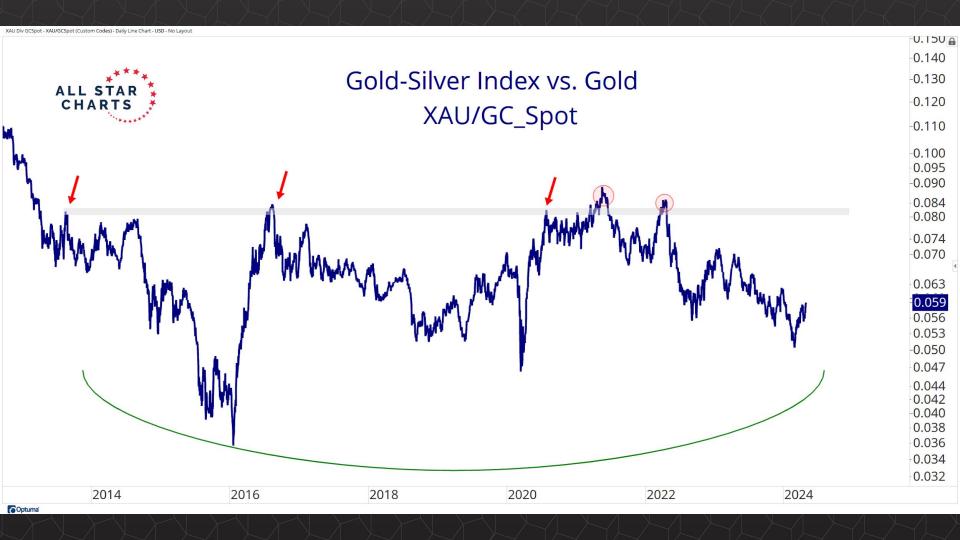


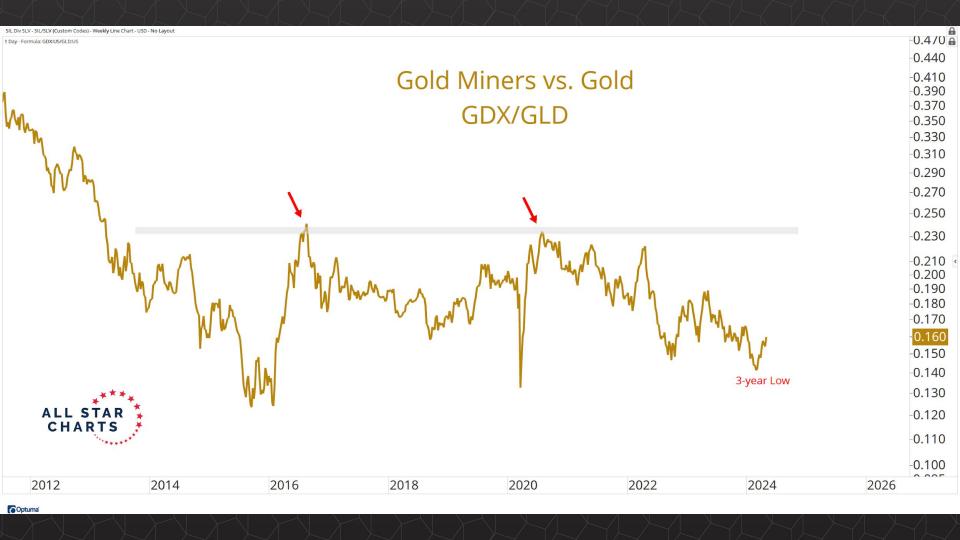






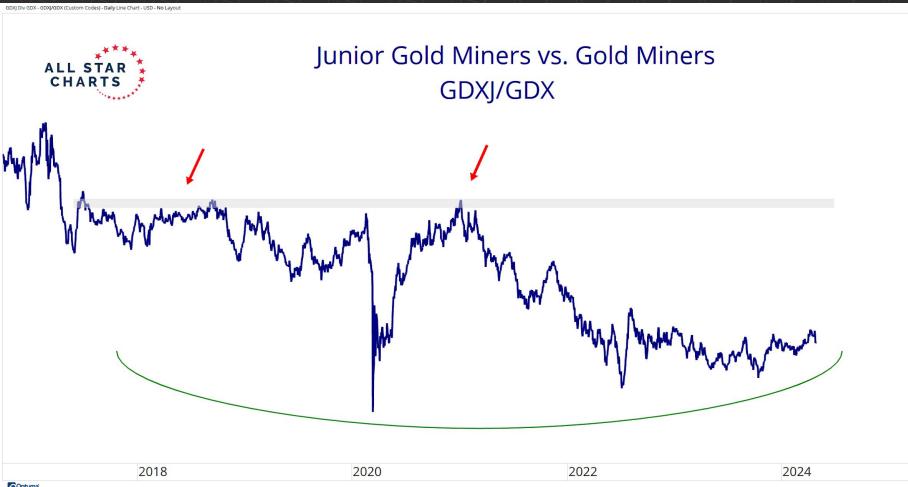












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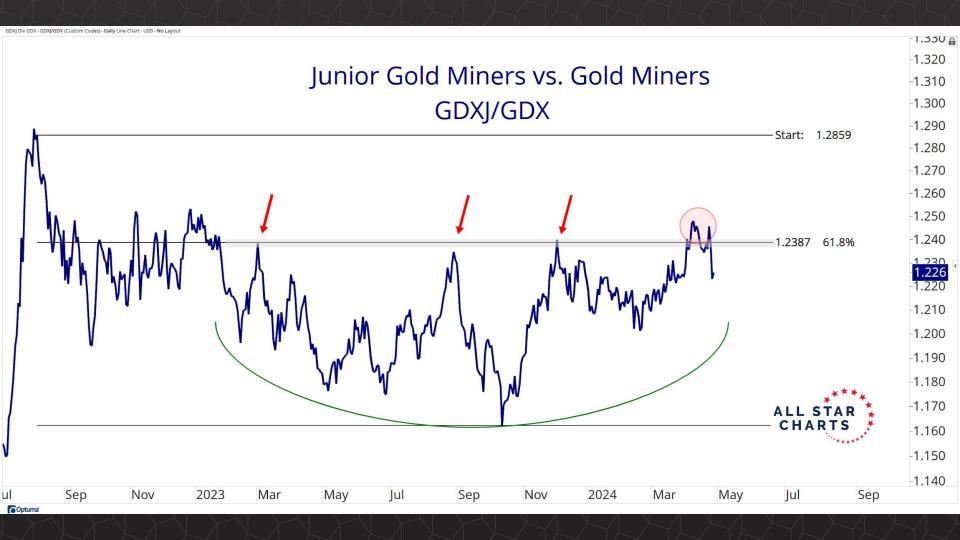
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Optuma





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-0.270

Optuma

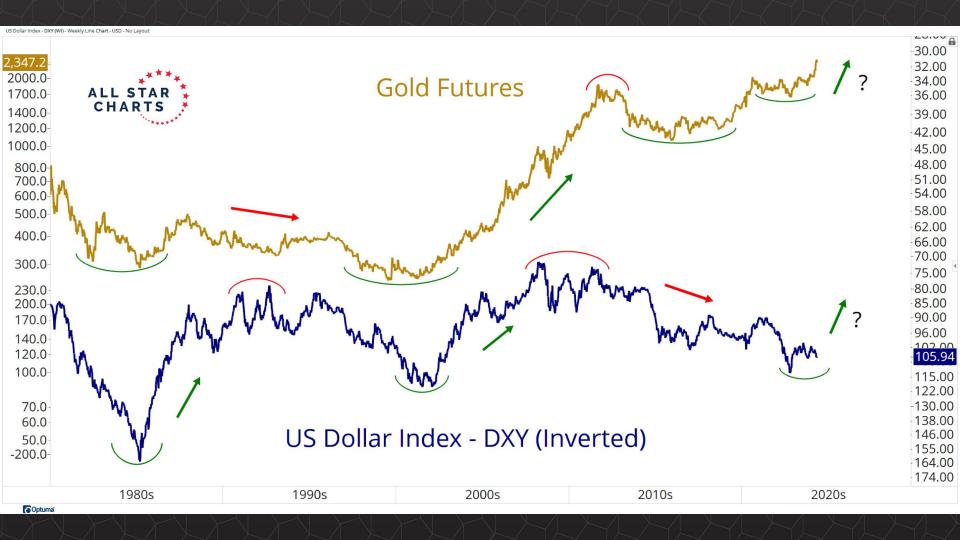
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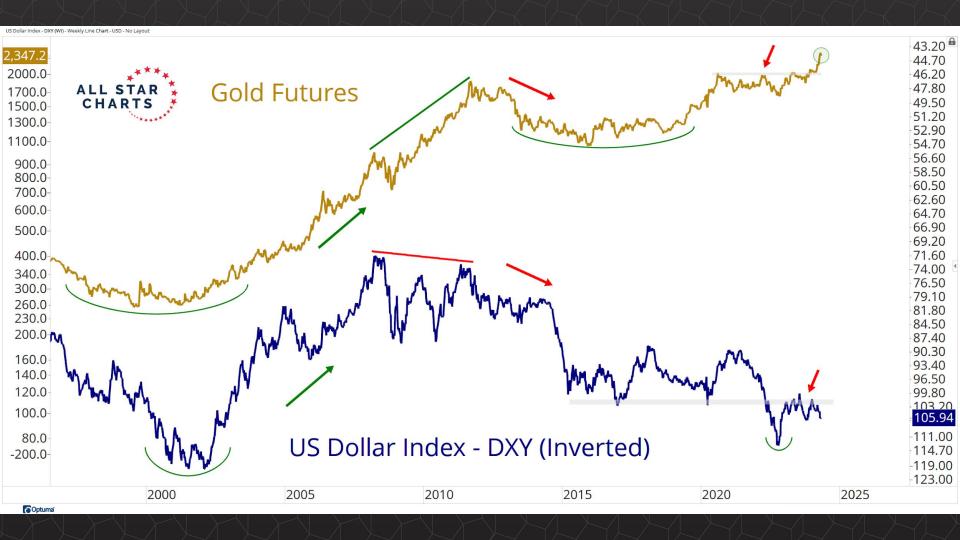
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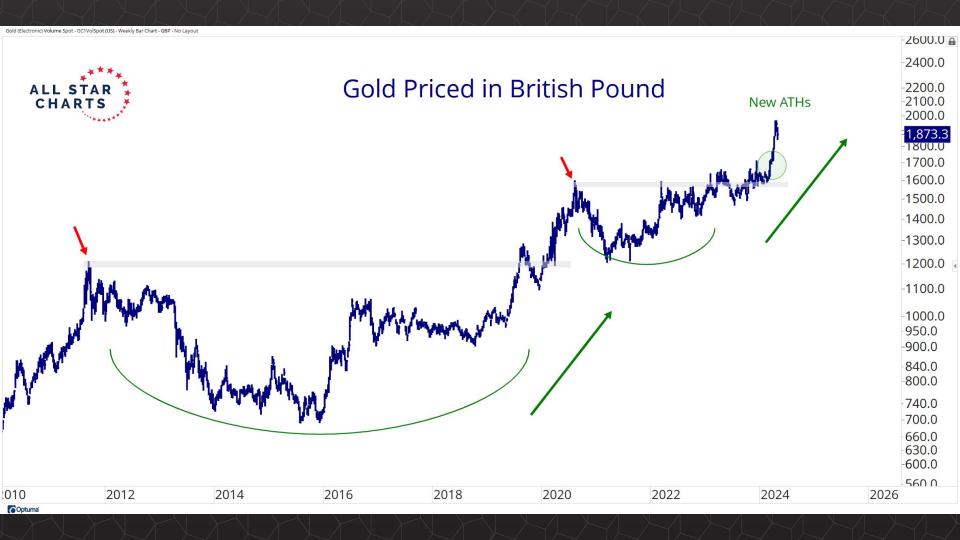
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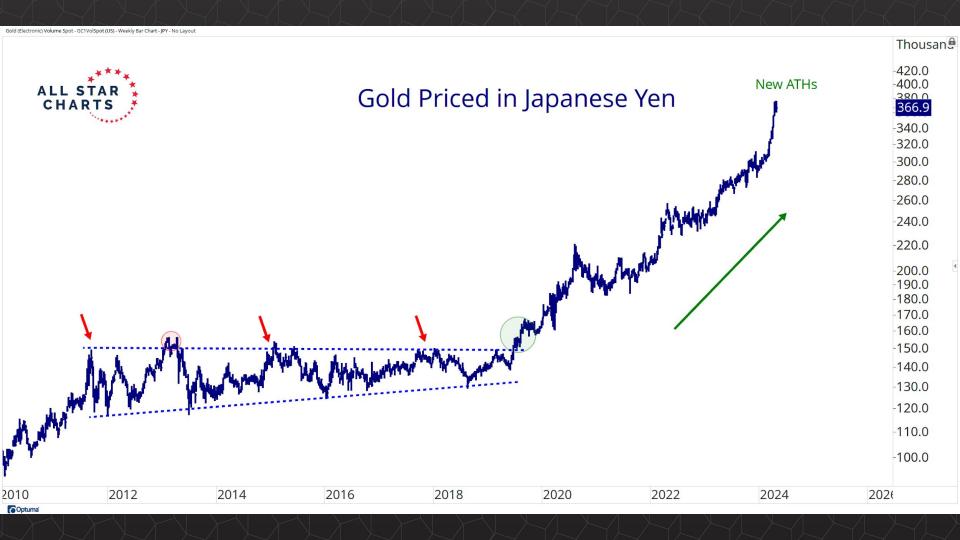


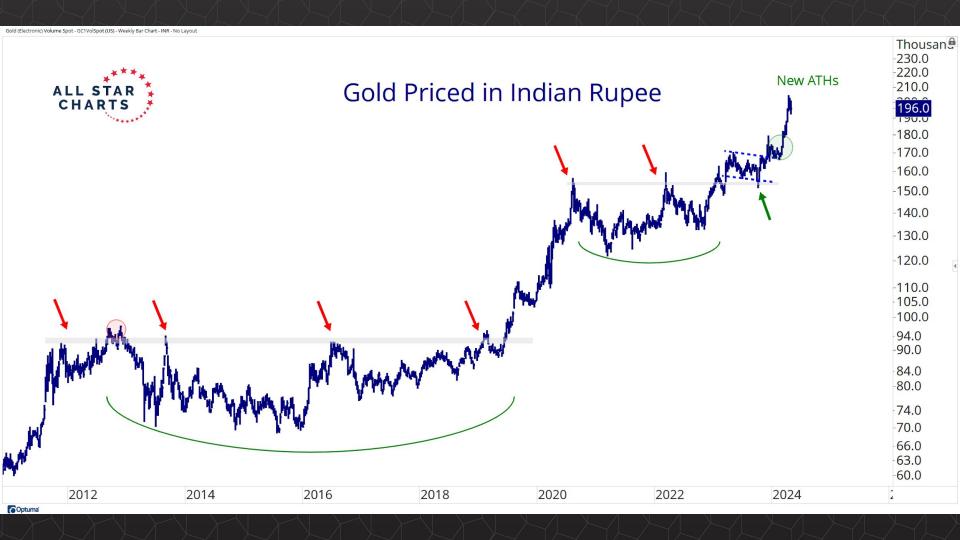




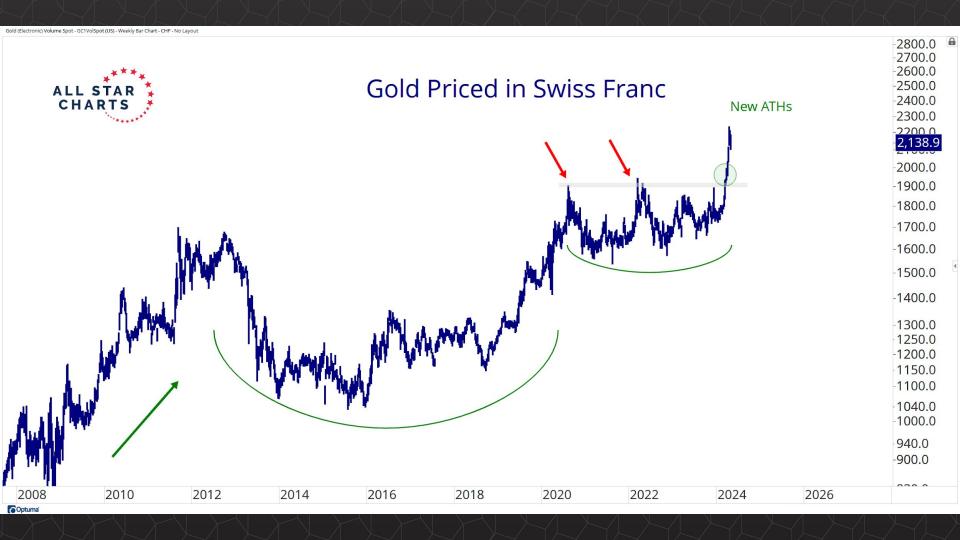


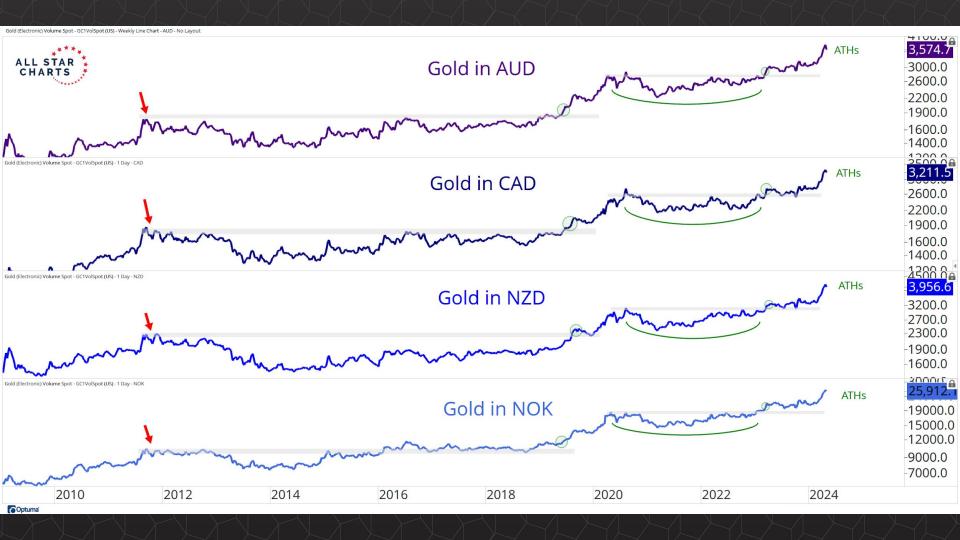


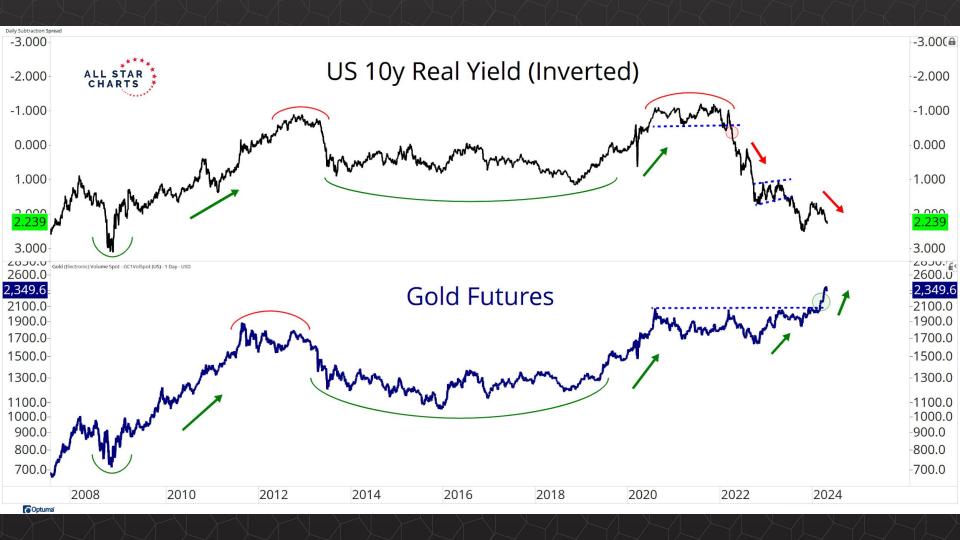


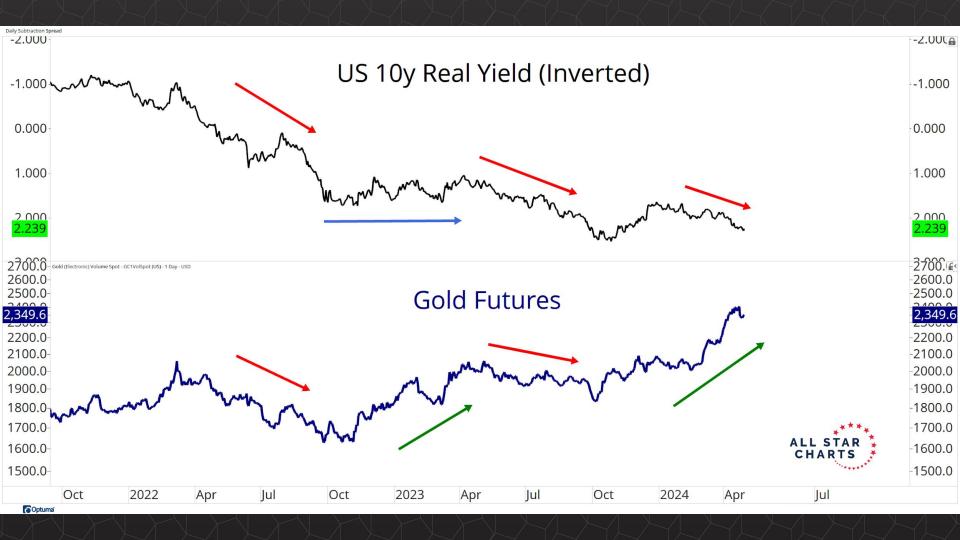










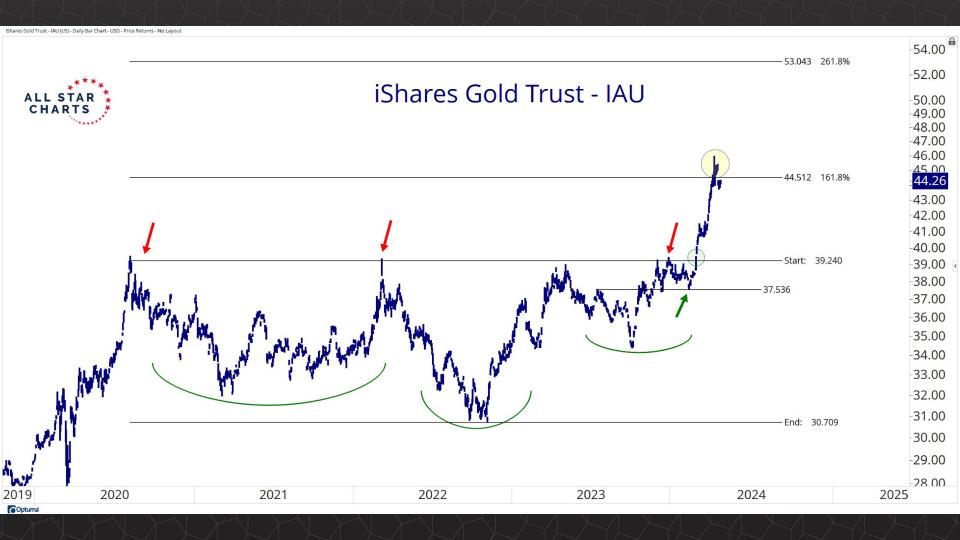


Physical ETFs & Indexes



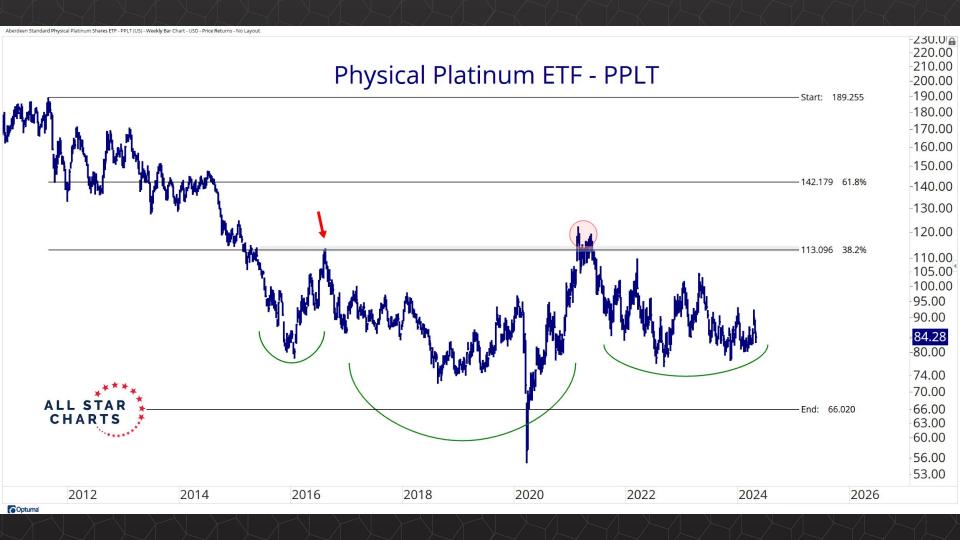




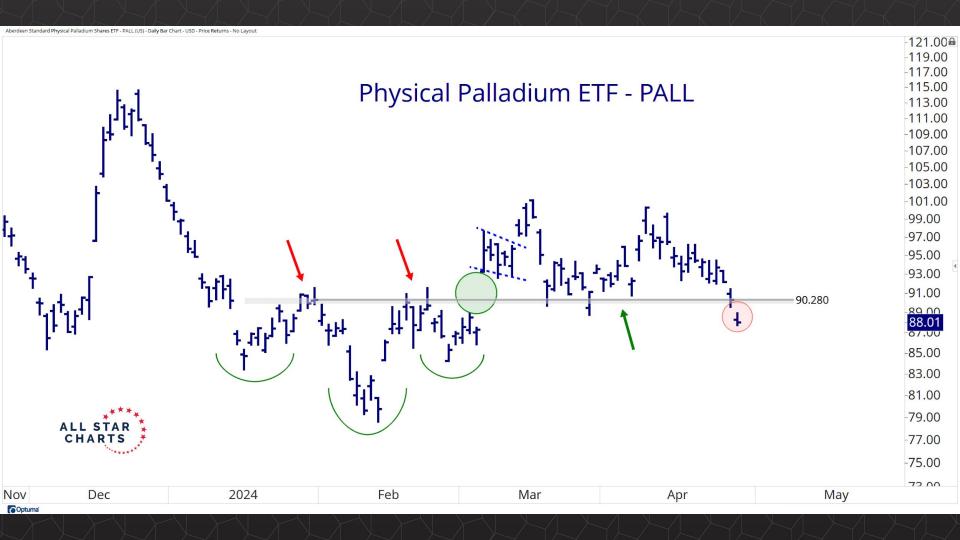


































Individual Miners

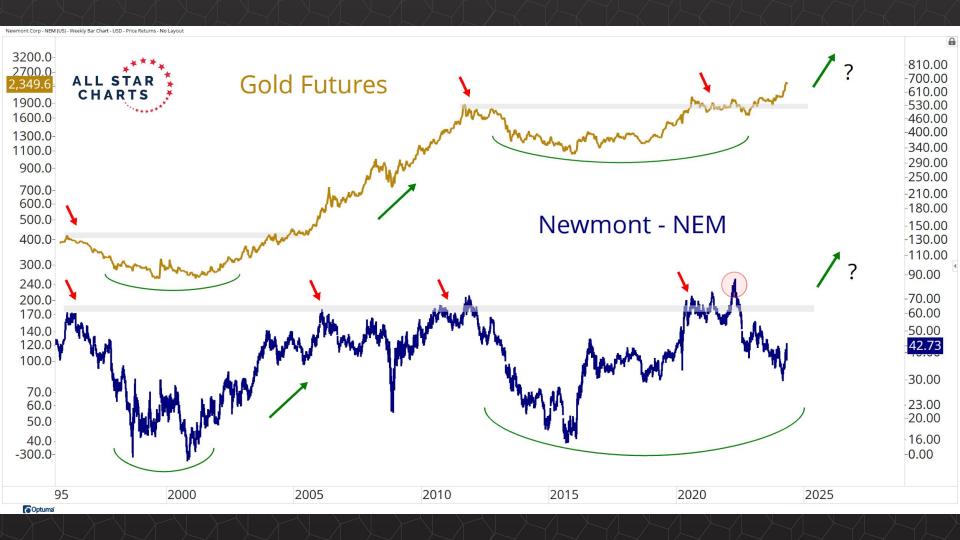


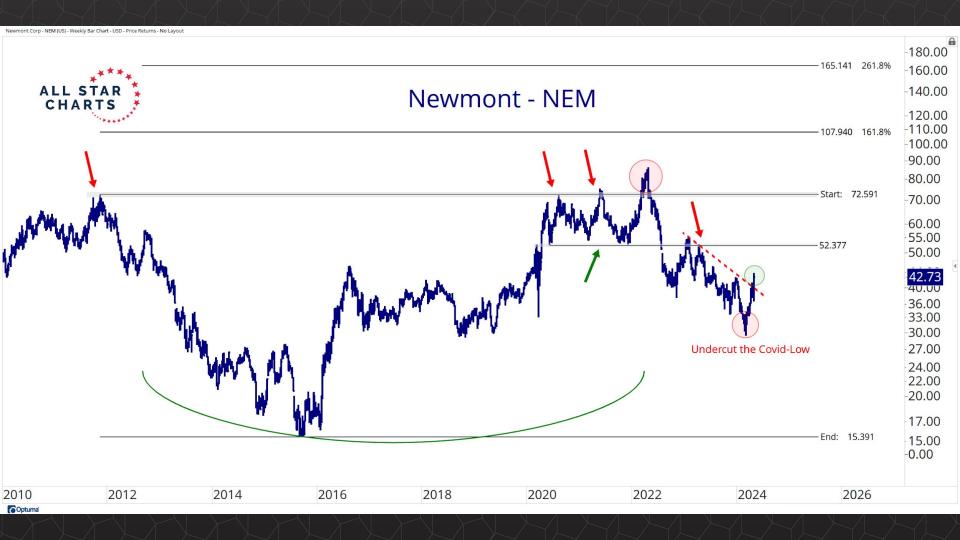
	Percent Of	f High/Low	Highs & Lows				
	52-Week Hi	52-Wk Lo	4-Week (Mo)	13-Week (Qtr)	52-Week (Yr)	All-Time	
First Majestic Silver Corporation (AG)	-10.9%	52.5%					
AngloGold Ashanti Ltd (AU)	-19.6%	44.2%					
Hecla Mining Co. (HL)	-17.5%	41.5%					
Novagold Resources Inc. (NG)	-48.4%	22.4%	New Low				
Seabridge Gold, Inc. (SA)	-3.7%	56.8%					
Agnico Eagle Mines Ltd (AEM)	0.0%	44.0%	New High	New High	New High		
Alamos Gold Inc. (AGI)	-2.1%	35.7%					
B2Gold Corp (BTG)	-37.4%	3.6%	New Low				
Compania de Minas Buenaventura (BVN)	-3.5%	155.7%	New High				
Coeur Mining Inc (CDE)	-1.0%	128.4%					
Eldorado Gold Corp. (EGO)	-2.4%	70.7%					
Freeport-McMoRan Inc (FCX)	-0.4%	46.7%					
Franco-Nevada Corporation (FNV)	-23.6%	13.6%					
Gold Fields Ltd (GFI)	-4.2%	60.2%					
Harmony Gold Mining Co Ltd (HMY)	-2.8%	157.3%					
lamgold Corp. (IAG)	-0.3%	75.0%					
Kinross Gold Corp. (KGC)	-0.6%	47.6%					
MAG Silver Corp. (MAG)	-2.8%	50.1%	New High	New High			
McEwen Mining Inc (MUX)	0.0%	92.6%	New High	New High	New High		
Newmont Corp (NEM)	-10.9%	38.8%	New High	New High			
New Gold Inc (NGD)	-1.1%	97.8%					
Wheaton Precious Metals Corp (WPM)	0.0%	35.3%	New High	New High	New High		
Centerra Gold Inc. (CGAU)	-8.3%	36.2%	New High	New High			
Barrick Gold Corp. (GOLD)	-15.5%	17.4%					
Gold Resource Corporation (GORO)	-47.4%	104.9%					
Sandstorm Gold Ltd (SAND)	-10.3%	33.6%					
Sibanye Stillwater Limited (SBSW)	-49.5%	14.4%					
Pan American Silver Corp (PAAS)	-1.0%	47.6%					
Royal Gold, Inc. (RGLD)	-12.3%	18.8%					
SSR Mining Inc (SSRM)	-67.8%	38.7%	New High				

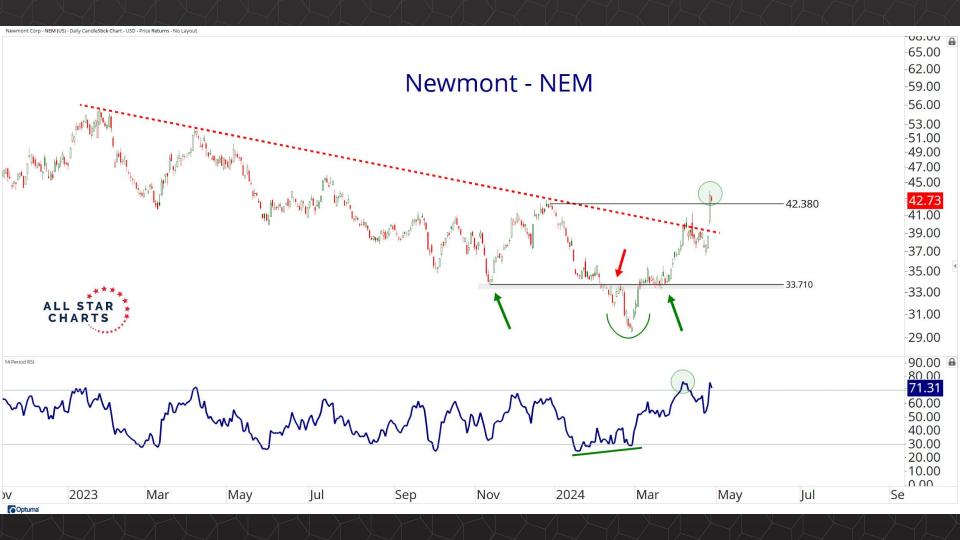


13-Week (Qtr)		
13-Week (Qtr)	52-Week (Yr)	All-Time
20%	10%	0%
Percent of Watch	list at New Highs	
0%	0%	0%
	Percent of Watch	Percent of Watchlist at New Highs

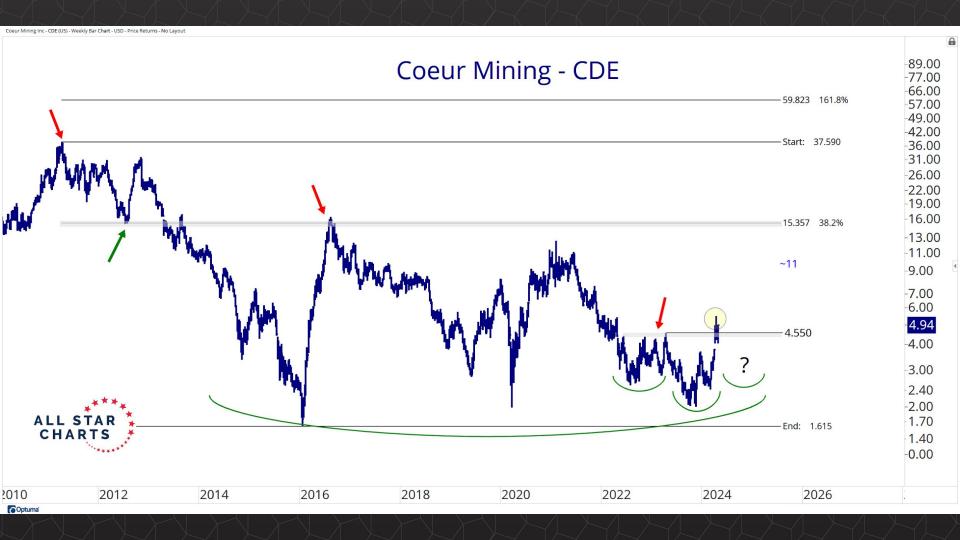
Philadelphia Gold and Silver Index vs. Moving Averages									
	5-Day Moving Average	10-Day Moving Average	20-Day Moving Average	50-Day Moving Average	100-Day Moving Average	150-Day Moving Average	200-Day Moving Average	250-Day Moving Average	
First Majestic Silver Corporation (AG)	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
AngloGold Ashanti Ltd (AU)	ABOVE	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Hecla Mining Co. (HL)	BELOW	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Novagold Resources Inc. (NG)	BELOW	BELOW	BELOW	ABOVE	BELOW	BELOW	BELOW	BELOW	
Seabridge Gold, Inc. (SA)	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Agnico Eagle Mines Ltd (AEM)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Alamos Gold Inc. (AGI)	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
B2Gold Corp (BTG)	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	
Compania de Minas Buenaventura (BVN)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Coeur Mining Inc (CDE)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Eldorado Gold Corp. (EGO)	ABOVE	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Freeport-McMoRan Inc (FCX)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Franco-Nevada Corporation (FNV)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	
Gold Fields Ltd (GFI)	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Harmony Gold Mining Co Ltd (HMY)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
lamgold Corp. (IAG)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Kinross Gold Corp. (KGC)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
MAG Silver Corp. (MAG)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
McEwen Mining Inc (MUX)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Newmont Corp (NEM)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
New Gold Inc (NGD)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Wheaton Precious Metals Corp (WPM)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Centerra Gold Inc. (CGAU)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Barrick Gold Corp. (GOLD)	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Gold Resource Corporation (GORO)	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Sandstorm Gold Ltd (SAND)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Sibanye Stillwater Limited (SBSW)	BELOW	BELOW	BELOW	ABOVE	ABOVE	BELOW	BELOW	BELOW	
Pan American Silver Corp (PAAS)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
Royal Gold, Inc. (RGLD)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	
SSR Mining Inc (SSRM)	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	
Percent Positive:	87%	73%	67%	97%	90%	87%	83%	83%	





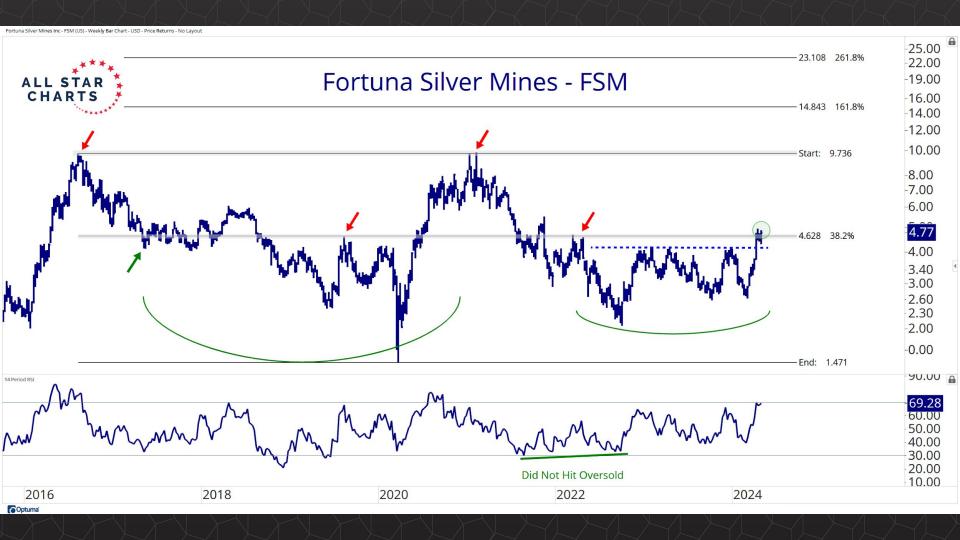








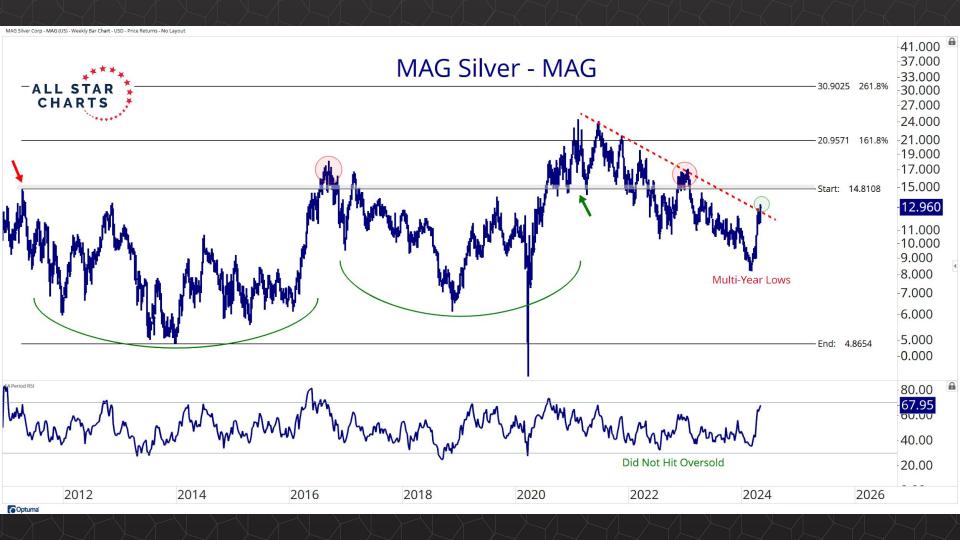


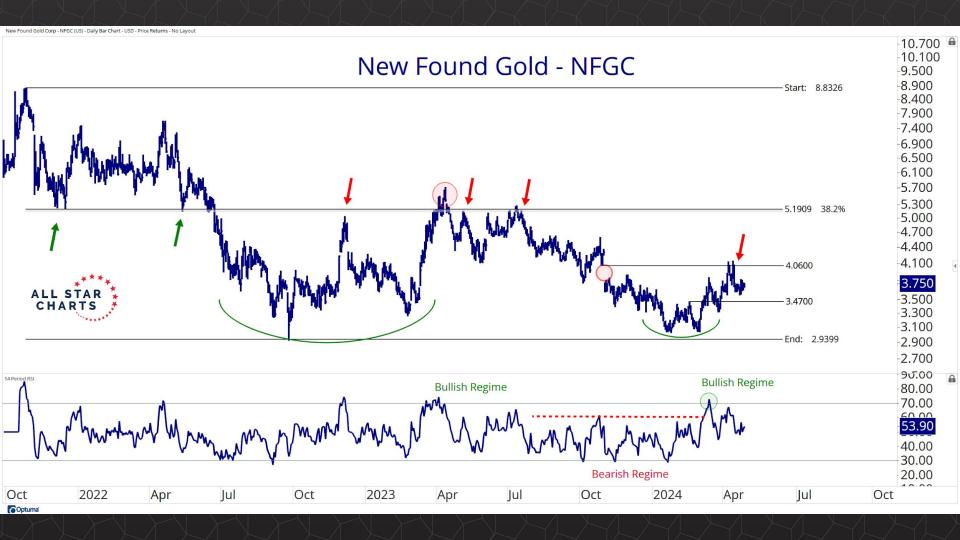


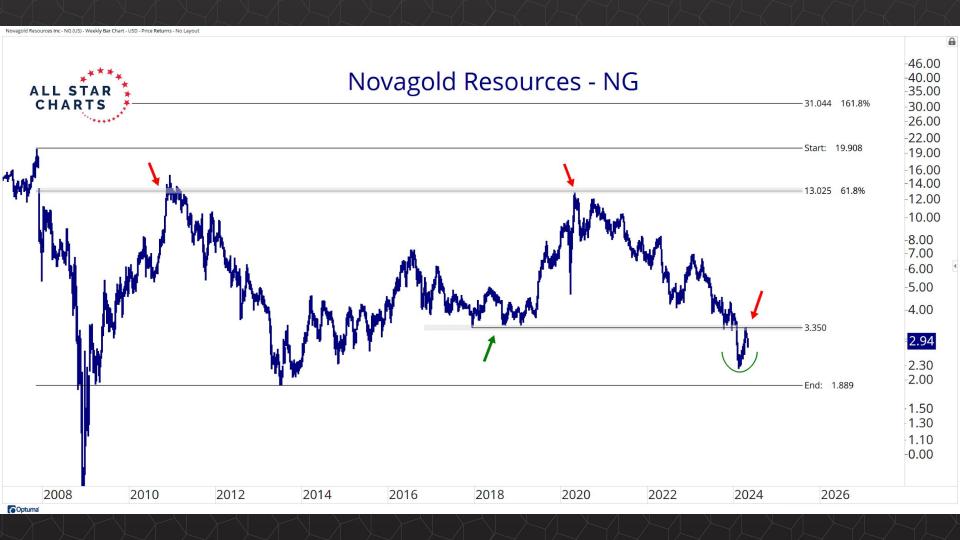








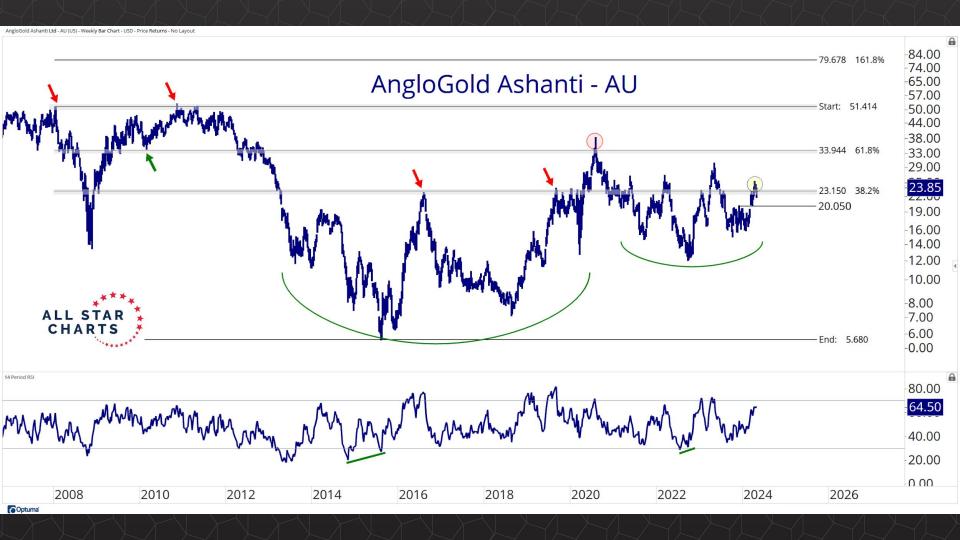


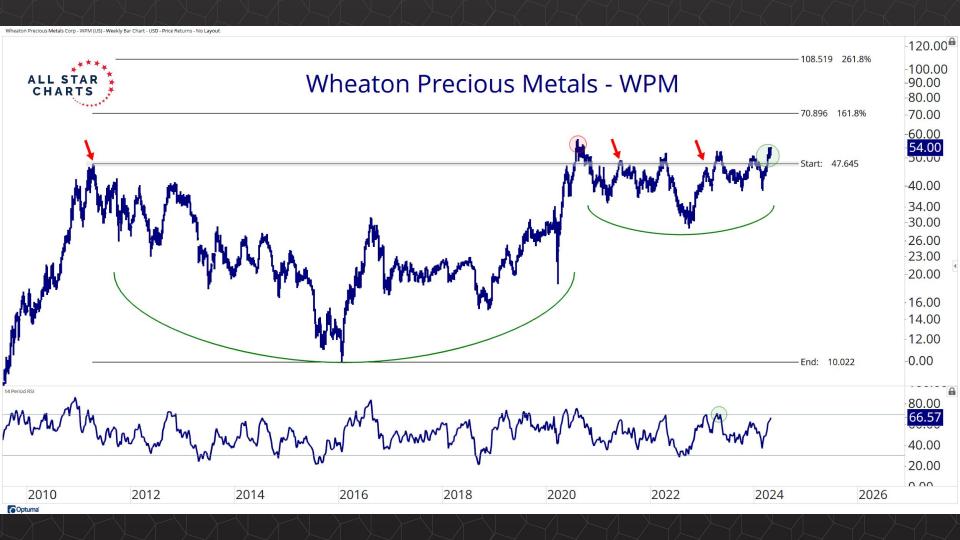




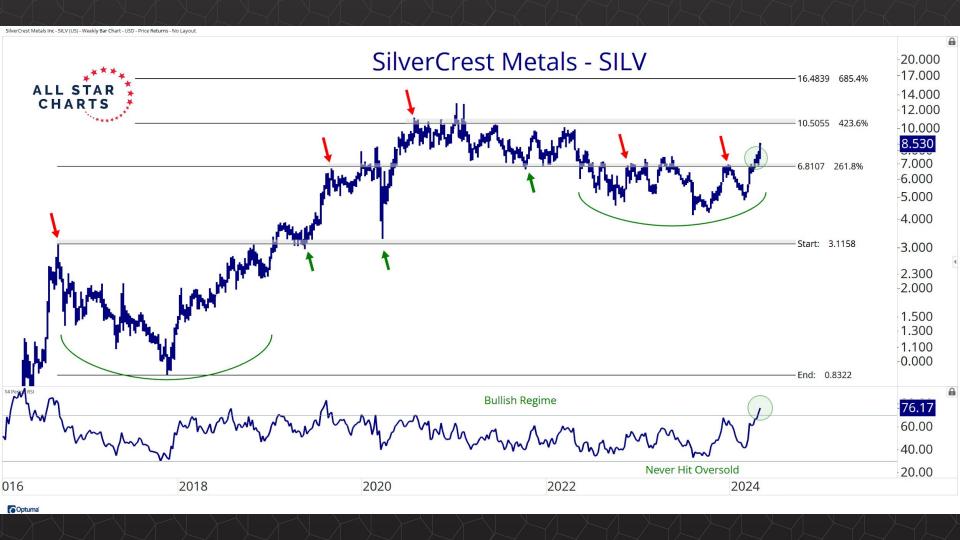




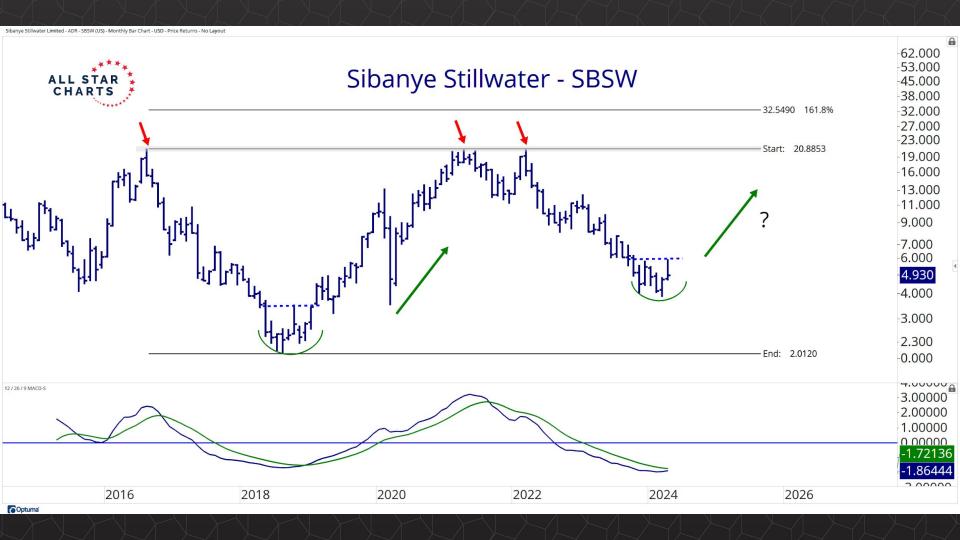






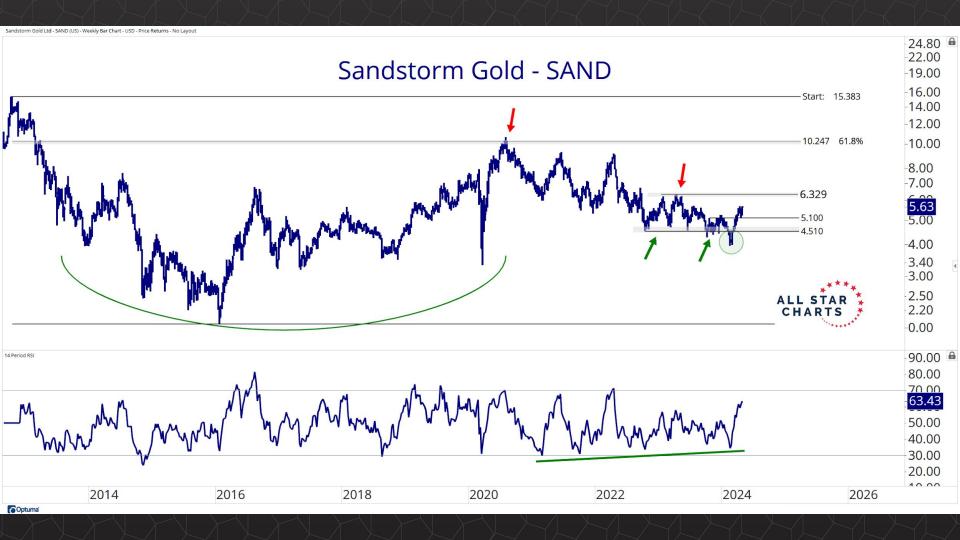


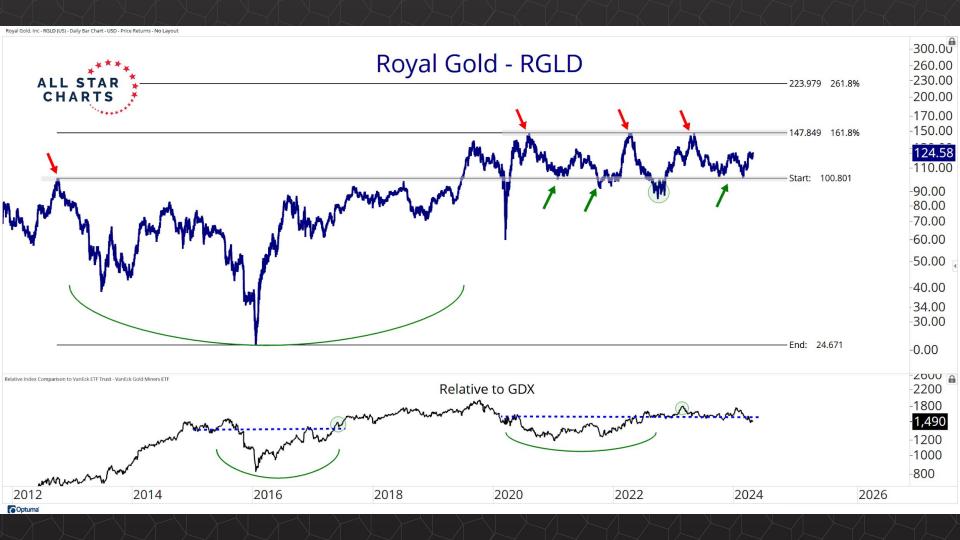


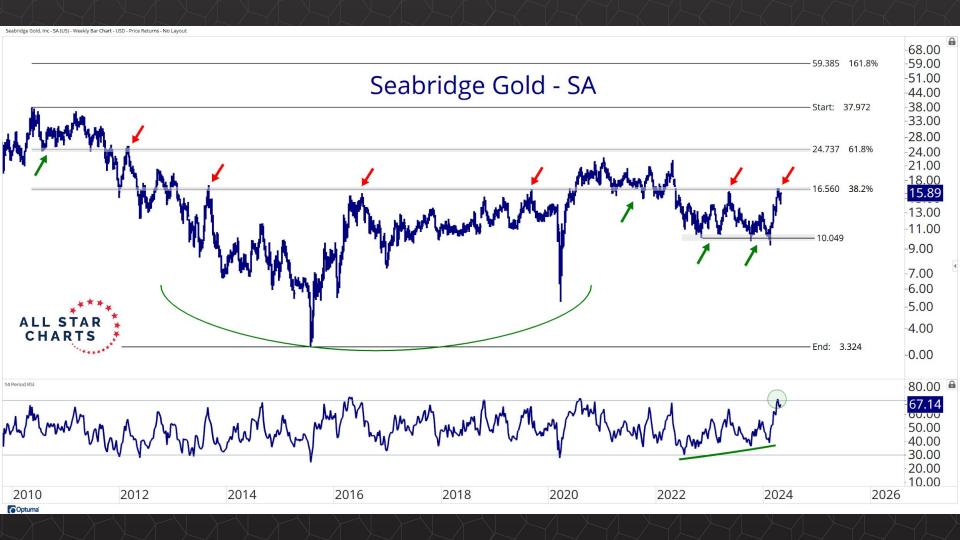




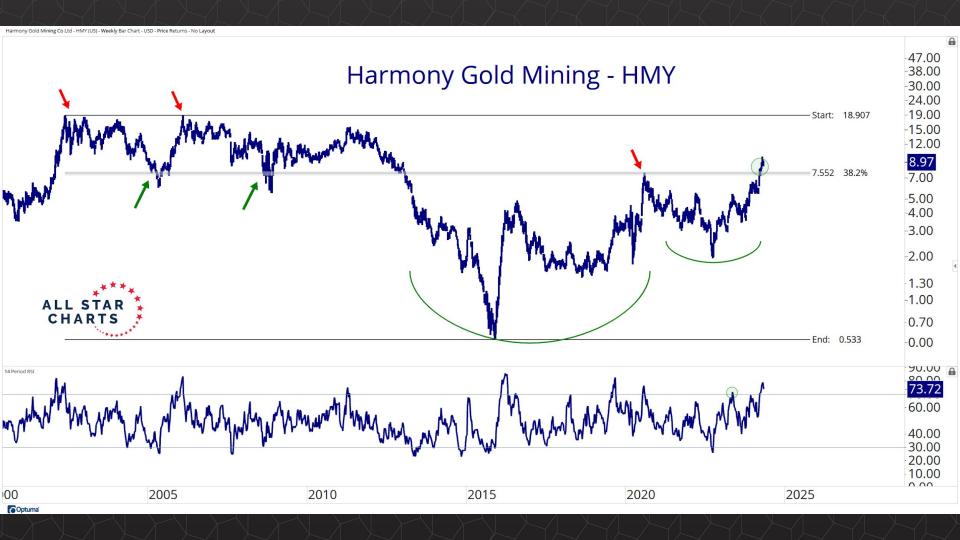


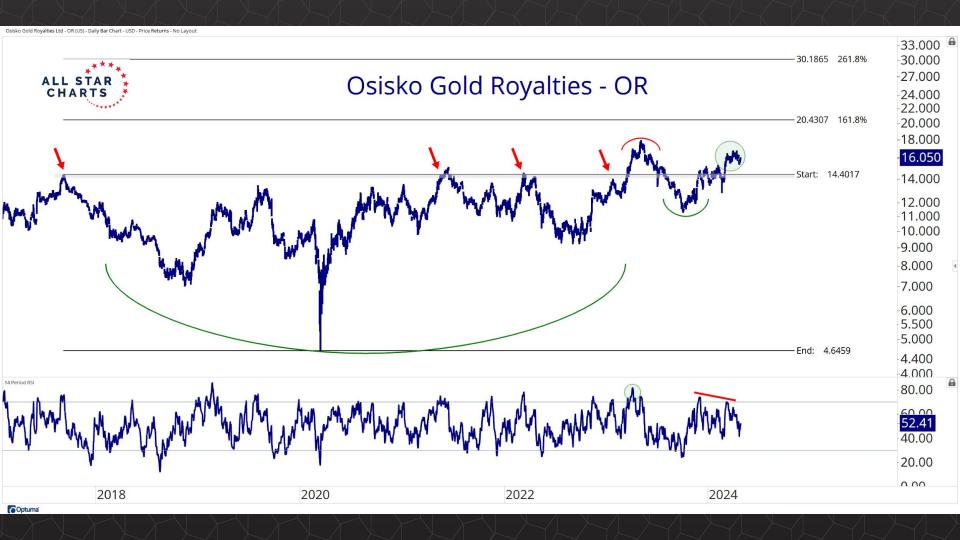




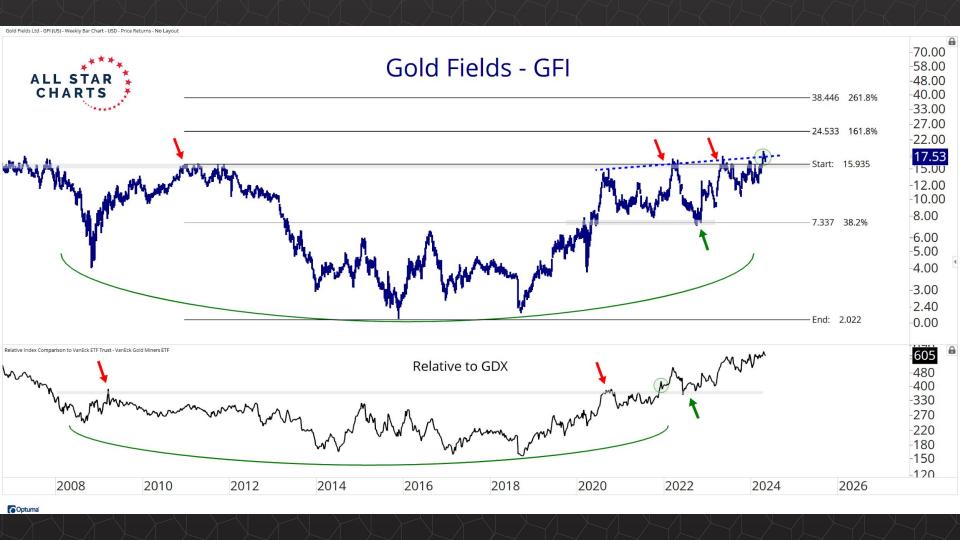


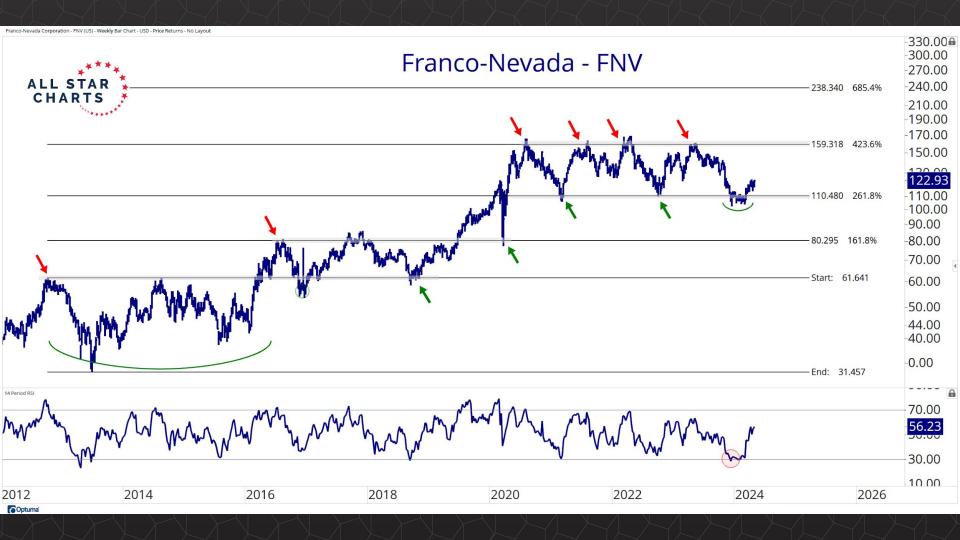


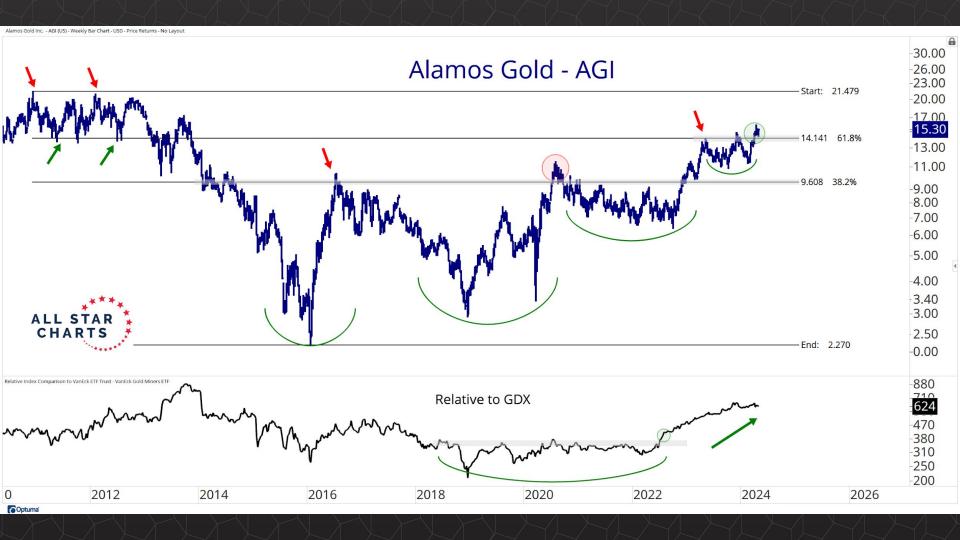




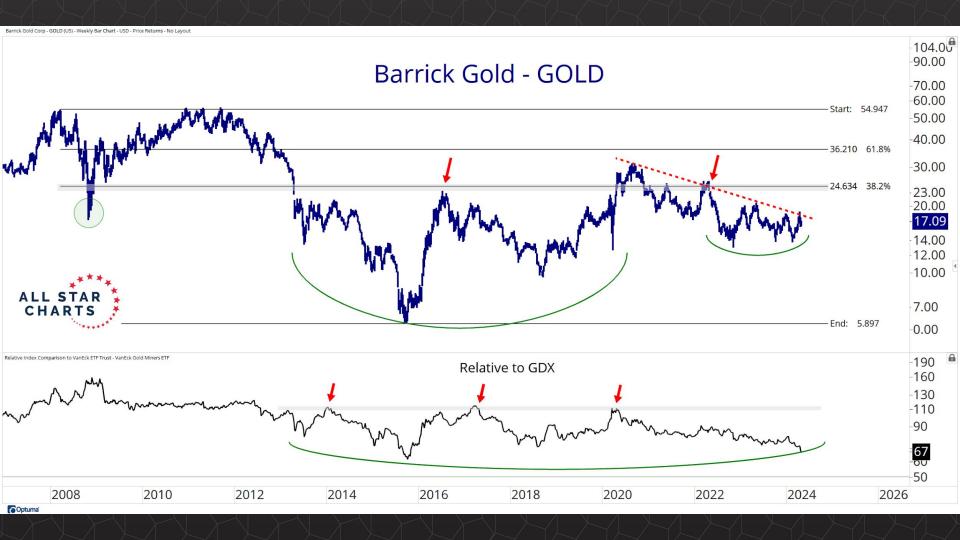


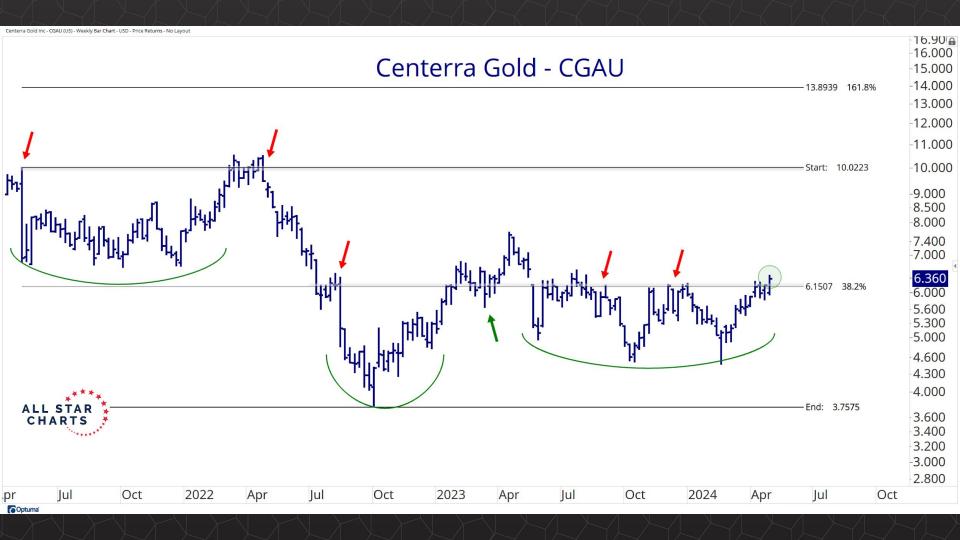


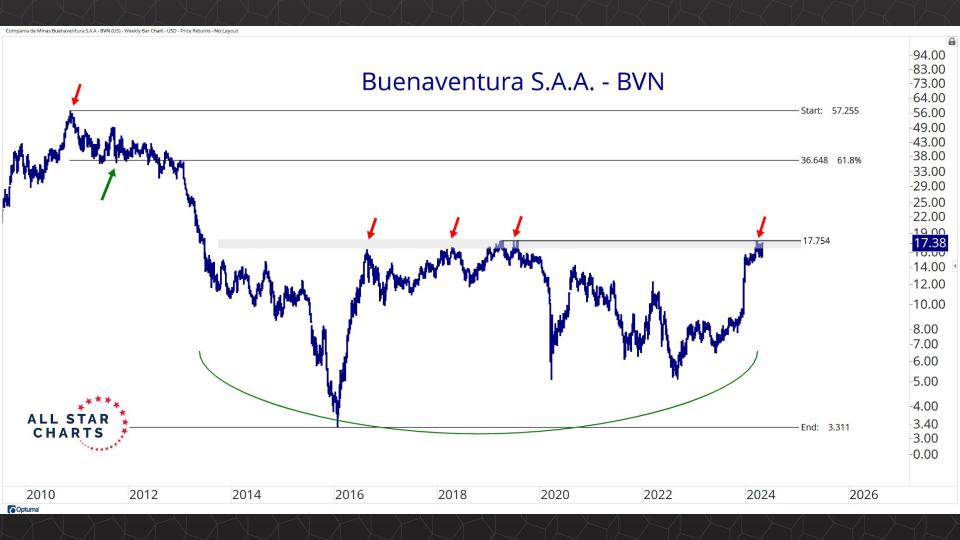


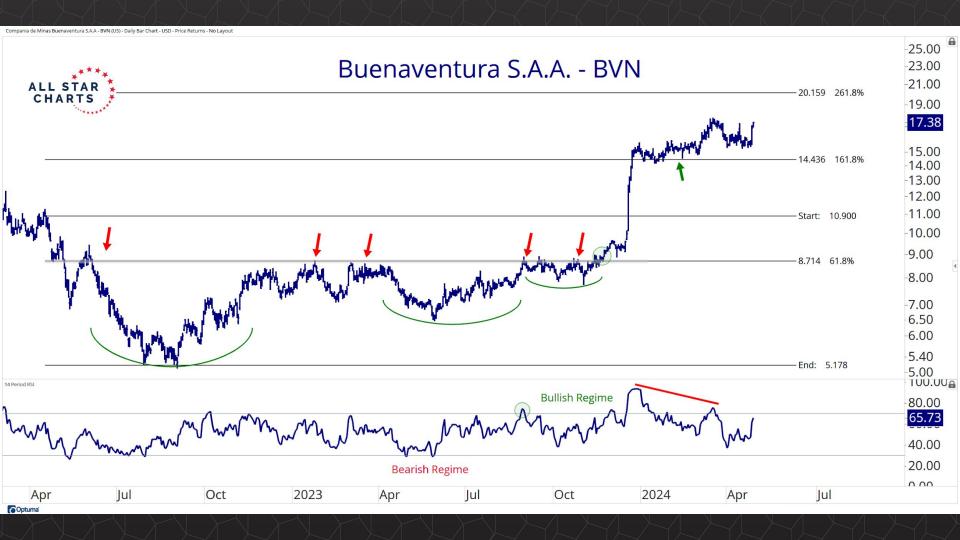




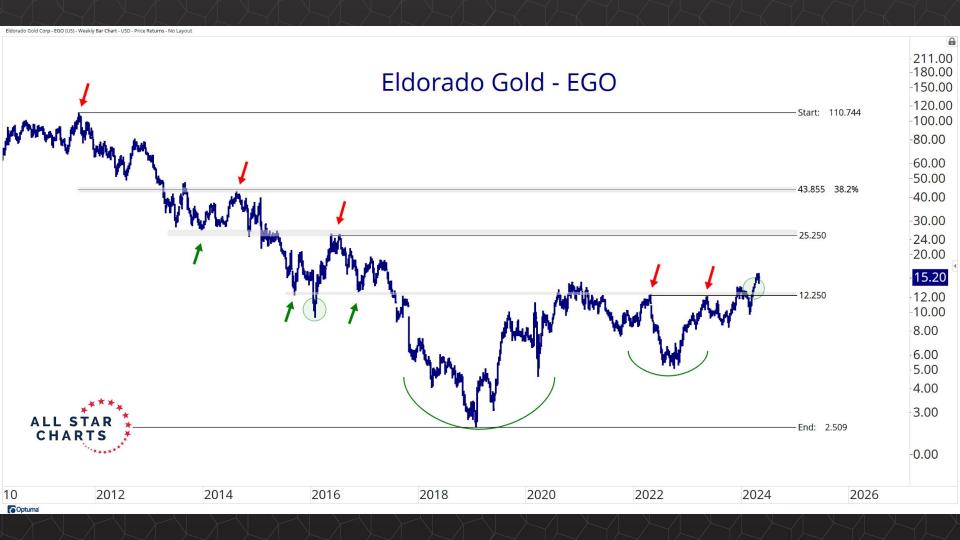


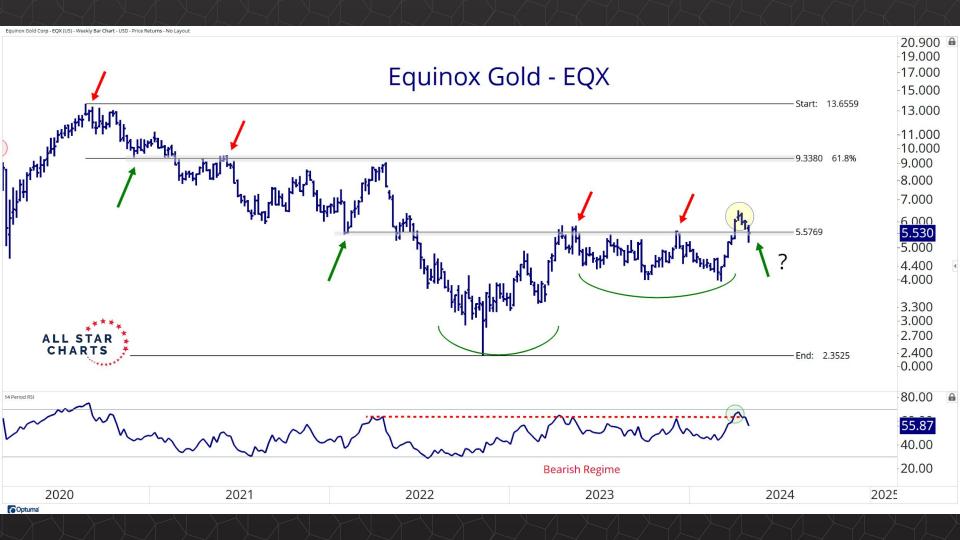














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