

## OUTLOOK & MARKET ANALYSIS



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*"The Bank of Japan's artistry lies in orchestrating market surprises with masterful finesse."<sup>2</sup>*

### Hi, welcome to the latest issue of fx:macro!

As usual, you can find a summary table with the most important points on the next page. The rest of the document contains the data and charts that show the current state of the market. It's not strictly necessary to go through it all but it's definitely worth it.

### Contents<sup>1</sup>

Summary	2
Currency Drivers	4
Calendar Levels	5
Growth	6
Inflation	9
Yields	11
US Dollar and Central Banks	13
Sectors and Flows	15
Sentiment and Positioning	18
Market Risks	21
Various	23

<sup>1</sup> Clickable to navigate within the document

<sup>2</sup> Created by ChatGPT. The cover image was created using Midjourney with the prompt: oil painting, white background, dripping paint, vibrant colors; a globe with a tsunami washing over it from the bank of japan changing their policy

# Summary<sup>3</sup>

	Bull	Bear	Notes
M a c r o	<ul style="list-style-type: none"> <li>▶ Positive growth and falling inflation in the US: goldilocks for stocks</li> <li>▶ Equity volatility is still low, FX vol has picked up a bit but so far nothing to worry</li> <li>▶ Credit spreads are contracting</li> <li>▶ Sector rotation and breadth confirm current action in stocks</li> <li>▶ The Chinese OECD CLI has turned around and is outperforming</li> <li>▶ TD Ameritrade IMX is moving up and is far from extreme</li> </ul>	<ul style="list-style-type: none"> <li>▶ Sentiment is too bullish: AAll Bull-Bear and CNN's Fear &amp; Greed Index both in extreme territories</li> <li>▶ The Bloomberg PMI heatmap isn't looking good, World PMI has worsened and Asian PMIs aren't improving</li> <li>▶ Industrial metals aren't performing, CL has seen a bit of constructive action recently</li> <li>▶ Recession probability according to the Cleveland Fed model is still &gt;75%</li> <li>▶ All of the G8 2s10s except for JPY are inverted now</li> </ul>	<p><b>Writing this summary feels a bit like Groundhog Day:</b> we're pretty much in the same place we've been in for weeks now. The US economy is doing well, everyone else isn't. Crude and crude-heavy commodity indexes have had a few goods weeks but nothing has broken out of its range so far, and Dr. Copper isn't moving.</p> <p>Sentiment is still extended to the upside with AAll and CNN F&amp;G way too bullish, and breadth has hit overbought territory, so a pullback in stocks would make sense. Nothing is signalling major problems, though: volatility is low, credit spreads are compressing and the right sectors are performing.</p>
U S D	<ul style="list-style-type: none"> <li>▶ GDPNow for Q3 has kicked off at 3.5%, Advance GDP for Q2 was way better than expected</li> <li>▶ Data coming in stronger than expected, CESI made a new high this week</li> <li>▶ PMI on the heatmap has improved a bit</li> <li>▶ OECD CLI is slowly picking up</li> <li>▶ Bullish seasonality</li> </ul>	<ul style="list-style-type: none"> <li>▶ Lower real yields and higher breakevens are bearish USD, and 10y yields are near the top of their range again</li> <li>▶ CSII is lower, CPI is coming down, 1yr ahead consumer inflation expectations are down</li> <li>▶ 25-delta risk reversal for USDCNY is lower</li> <li>▶ The 5y breakeven rate is below the 10y and the 5y-10y spread is falling fast</li> <li>▶ Bullish sentiment</li> <li>▶ COT positioning in DX and indirectly via other FX futures is bullish</li> </ul>	<p><b>As I wrote above, the US economy continues to surprise:</b> this week's GDP beat, and GDPNow starting Q3 at 3.5%. The FOMC was mostly a non-event with virtually no change to their statement or what we've heard before.</p> <p>There are still good arguments for both a stronger and a weaker dollar right now. The dollar smile should be clearly in effect with the US outperforming the rest of the world on growth, positioning is pretty one-sided, yield differentials are screaming higher, seasonality is in the dollar's favour, and the ECB has been perceived as dovish. On the other hand, real yield proxies are lower, and we're approaching the top of the 10y yield range.</p> <p>Next week looks like we could see a bullish first half and a bearish second half data-wise for the dollar.</p>
E U R ↓	<ul style="list-style-type: none"> <li>▶ CESI is still down but it has picked up a tiny bit, same for the CESI spread EUR-USD (which is also still near lows)</li> </ul>	<ul style="list-style-type: none"> <li>▶ The EUR hasn't taken this week's ECB statement well, and the few speakers we've had since then have been less than enthusiastic about more action</li> <li>▶ Both German and Eurozone PMIs are weaker</li> <li>▶ COT positioning back at bearish extreme</li> <li>▶ Sentiment is bearish, except for EURCHF where it's the opposite</li> <li>▶ OECD CLI for Germany has turned lower again</li> <li>▶ Seasonality is bearish</li> </ul>	<p><b>I believe the market saw Lagarde as too dovish this week</b> but the slight tweak in the ECB statement implying that rates are now at sufficiently restrictive levels can't be discussed away.</p> <p>Data is coming in softer and the commentary in both the German and the Eurozone PMIs was (once again) pretty depressing. I think the bearish bias still makes sense.</p>
G B P	<ul style="list-style-type: none"> <li>▶ Bearish sentiment</li> <li>▶ OECD CLI has slowed but is still trending higher</li> </ul>	<ul style="list-style-type: none"> <li>▶ 2s10s are bull steepening on lower 2s</li> <li>▶ COT positioning is bearish</li> <li>▶ Data is coming in weaker and GBP is reacting accordingly</li> <li>▶ CESI is past its peak and moving lower</li> <li>▶ Bearish seasonality</li> </ul>	<p><b>GBP is still holding up relatively well</b> given that incoming data continues to weaken and that CPI two weeks ago has missed expectations. Also, positioning via COT is still extreme on the long side. Overall, GBP lower makes a lot of sense. Price action just isn't confirming it yet.</p> <p>We'll see what we get from the BoE this week: the meeting is priced for 25 bps at a 75% chance. I don't expect any major surprises: Tenreyro is out and Greene probably won't start off by rocking the boat. Also, what we've heard from the BoE since the last meeting hasn't been hawkish.</p> <p>It feels like GBP is going to be down on the BoE decision because they won't out-hawk market expectations.</p>

<sup>3</sup> Please check out this article about what this summary aims to provide and how I use it to generate trade ideas: <https://www.fxmacro.info/p/a-very-instructive-week#%C2%A7how-my-newsletter-works>

	Bull	Bear	Notes
A U D ↓	<ul style="list-style-type: none"> <li>▶ OECD CLI looks like it is bottoming</li> <li>▶ Manufacturing PMI on the heatmap has improved</li> </ul>	<ul style="list-style-type: none"> <li>▶ Aussie yields have underperformed, bull steepening into the RBA next week</li> <li>▶ OIS-implied rate expectations have also dropped to around 10% for another hike</li> <li>▶ AUD has traded badly on weak Chinese data, and this week more of that is expected</li> <li>▶ Bullish sentiment</li> <li>▶ Bearish seasonality</li> </ul>	<p><b>I don't see a hike from the RBA on Tuesday:</b> The market isn't pricing it, CPI last week has come in softer and the only comment we've had since their last decision from Lowe was dovish.</p> <p>Also, we expect more weak data from China this week, and AUD has traded awfully on that over the last weeks. Maintaining the bearish bias.</p>
N Z D ↓	<ul style="list-style-type: none"> <li>▶ 2s10s have bear flattened recently</li> <li>▶ CESI has picked up further</li> </ul>	<ul style="list-style-type: none"> <li>▶ It's inherently weak</li> <li>▶ Sentiment is bullish</li> <li>▶ Bearish seasonality</li> </ul>	<p><b>Unchanged from last week:</b> We've had a hawkish CPI surprise (higher than expected albeit lower than previously) but absolutely no follow-through from NZD. Also no support from the RBNZ who removed guidance for possible further hikes last week.</p>
C A D		<ul style="list-style-type: none"> <li>▶ The BOC have ended their hiking cycle, no hint of further action in the statement</li> <li>▶ Data over the last few weeks has mostly disappointed and weakened</li> <li>▶ CL has staged a bit of a stealth rally but correlation to CL is currently negative</li> <li>▶ Has the worst CLI among the G7</li> <li>▶ Bullish sentiment and bearish seasonality</li> </ul>	<p><b>There's nothing I particularly like about CAD right now.</b> It has a high correlation to USD and a negative one to CL.</p> <p>But: compared to other currencies, "nothing to like" isn't the worst thing out there. I don't see why it shouldn't perform better than AUD or NZD, for example.</p> <p>I'm changing the bias to neutral.</p>
C H F ↓	<ul style="list-style-type: none"> <li>▶ The SNB is still trying to sound hawkish, I just wonder why</li> <li>▶ Bearish sentiment via EURCHF and USDCHF</li> <li>▶ CESI is going up</li> <li>▶ Inherent strength</li> </ul>	<ul style="list-style-type: none"> <li>▶ Huge divergence between COT Large Trader net positions and price</li> <li>▶ IV is slowly creeping higher</li> </ul>	<p><b>Unchanged from last week:</b> There's no fundamental reason why CHF has outperformed recently, so my guess is on the SNB buying it. I also don't understand why they're still as hawkish as they are given that CPI m/m is at 0.1% and has missed expectations. And what really stands out is that COT positioning is showing Large Traders positioning diverge from spot price.</p>
J P Y	<ul style="list-style-type: none"> <li>▶ Potentially higher 10y yields should be good for JPY</li> <li>▶ The BOJ have upgraded their near-term inflation forecasts (but only those; the FY 2024 projection has been lowered)</li> </ul>	<ul style="list-style-type: none"> <li>▶ COT still says a JPY short is still not a very crowded trade</li> <li>▶ Sentiment is bullish</li> <li>▶ CSII has dropped</li> <li>▶ Still the most dovish central bank out there</li> <li>▶ Inherent weakness</li> </ul>	<p><b>What a rollercoaster for JPY last week.</b> Everybody seems to be confused as to what the new YCC tweak means in the grand scheme of things, and the fact that 10y yields only traded a tad above the (old) 0.5% cap is puzzling.</p> <p>JPY is still the cheapest funding currency, and the market's reaction so far doesn't feel like it's seeing the BOJ's decision as a gamechanger for now.</p>

COT: Commitment of Traders, CESI: Citi Economic Surprise Index, CSII: Citi Inflation Surprise Index, CLI: Composite Leading Indicator, CB: central bank, PAIN: Citi PAIN index

Summary changes can be found here: <https://www.diffchecker.com/L1ztpJwB/>



# Calendar

Date FRA		LON	NYC	Cncy	Data	Act.	Exp.	Prev.	Forecast Range		Reaction
									Low	High	
Mon 31.07.23	01:50	00:50	19:50	JPY	Prelim Industrial Production m/m		2.5	-2.2			
Mon 31.07.23	03:00	02:00	21:00	AUD	MI Inflation Gauge m/m			0.1			
Mon 31.07.23	03:00	02:00	21:00	NZD	ANZ Business Confidence			-18.0			
Mon 31.07.23	03:30	02:30	21:30	AUD	Private Sector Credit m/m		0.4	0.4			
Mon 31.07.23	03:30	02:30	21:30	CNY	Manufacturing PMI		48.9	49.0			
Mon 31.07.23	03:30	02:30	21:30	CNY	Non-Manufacturing PMI		53.1	53.2			
Mon 31.07.23	08:00	07:00	02:00	EUR	German Retail Sales m/m		-0.3	0.4			
Mon 31.07.23	08:30	07:30	02:30	CHF	Retail Sales y/y		-0.7	-1.1			
Mon 31.07.23	11:00	10:00	05:00	EUR	CPI Flash Estimate y/y		5.3	5.5			
Mon 31.07.23	11:00	10:00	05:00	EUR	Core CPI Flash Estimate y/y		5.4	5.5			
Mon 31.07.23	11:00	10:00	05:00	EUR	Prelim Flash GDP q/q		0.2	-0.1			
Mon 31.07.23	15:45	14:45	09:45	USD	Chicago PMI		43.5	41.5			
Mon 31.07.23				USD	Loan Officer Survey						
Tue 01.08.23	00:45	23:45	18:45	NZD	Building Consents m/m			-2.2			
Tue 01.08.23	01:01	00:01	19:01	GBP	BRC Shop Price Index y/y			8.4			
Tue 01.08.23	03:30	02:30	21:30	AUD	Building Approvals m/m		-7.9	20.6			
Tue 01.08.23	03:45	02:45	21:45	CNY	Caixin Manufacturing PMI		50.2	50.5			
Tue 01.08.23	06:30	05:30	00:30	AUD	RBA Rate Statement						
Tue 01.08.23	15:30	14:30	09:30	CAD	Manufacturing PMI			48.8			
Tue 01.08.23	16:00	15:00	10:00	USD	ISM Manufacturing PMI		46.9	46.0			
Tue 01.08.23	16:00	15:00	10:00	USD	JOLTS Job Openings		9.61	9.82			
Tue 01.08.23	16:00	15:00	10:00	USD	ISM Manufacturing Prices		42.3	41.8			
Tue 01.08.23				NZD	GDT Price Index			-1.0			
Wed 02.08.23	00:45	23:45	18:45	NZD	Employment Change q/q		0.6	0.8			
Wed 02.08.23	00:45	23:45	18:45	NZD	Unemployment Rate		3.5	3.4			
Wed 02.08.23	00:45	23:45	18:45	NZD	Labor Cost Index q/q		1.3	0.9			
Wed 02.08.23	01:50	00:50	19:50	JPY	Monetary Policy Meeting Minute						
Wed 02.08.23	09:00	08:00	03:00	CHF	SECO Consumer Climate		-25	-30			
Wed 02.08.23	09:30	08:30	03:30	CHF	Manufacturing PMI		44.2	44.9			
Wed 02.08.23	14:15	13:15	08:15	USD	ADP Non-Farm Employment Ch		195	497			
Thu 03.08.23	03:30	02:30	21:30	AUD	Trade Balance		10.50	11.79			
Thu 03.08.23	03:45	02:45	21:45	CNY	Caixin Services PMI		52.5	53.9			
Thu 03.08.23	08:00	07:00	02:00	EUR	German Trade Balance		15.5	14.4			
Thu 03.08.23	08:30	07:30	02:30	CHF	CPI m/m		-0.1	0.1			
Thu 03.08.23	13:00	12:00	07:00	GBP	BoE Rate Statement						
Thu 03.08.23	13:30	12:30	07:30	USD	Challenger Job Cuts y/y			25.2			
Thu 03.08.23	14:30	13:30	08:30	USD	Unemployment Claims		223	221			
Thu 03.08.23	14:30	13:30	08:30	USD	Prelim Unit Labor Costs q/q		2.7	4.2			
Thu 03.08.23	16:00	15:00	10:00	USD	ISM Services PMI		53.0	53.9			
Thu 03.08.23	16:00	15:00	10:00	USD	Factory Orders m/m		0.2	0.3			
Fri 04.08.23	03:30	02:30	21:30	AUD	RBA Monetary Policy Statement						
Fri 04.08.23	08:00	07:00	02:00	EUR	German Factory Orders m/m		-1.8	6.4			
Fri 04.08.23	11:00	10:00	05:00	EUR	Retail Sales m/m		0.3	0.0			
Fri 04.08.23	14:30	13:30	08:30	CAD	Employment Change		15.5	59.9			
Fri 04.08.23	14:30	13:30	08:30	CAD	Unemployment Rate		5.5	5.4			
Fri 04.08.23	14:30	13:30	08:30	USD	Average Hourly Earnings m/m		0.3	0.4			
Fri 04.08.23	14:30	13:30	08:30	USD	Non-Farm Employment Change		200	209			
Fri 04.08.23	14:30	13:30	08:30	USD	Unemployment Rate		3.6	3.6			
Fri 04.08.23	16:00	15:00	10:00	CAD	Ivey PMI			50.2			

# Levels

	6E	6B	6A	6C	USDCAD	6J	USDJPY
Settlement	1.1051	1.2860	0.6663	0.7558	1.3231	0.007148	139.90
Gamma	long	short	flat	short		flat	
25D-RR	short	short	long	short		long	
1 StdDev	0.0106	0.0161	0.0103	0.0061	0.0108	0.000106	2.11
+2 SD	1.1263	1.3182	0.6869	0.7680	1.3448	0.007360	144.18
+1 SD	1.1157	1.3021	0.6766	0.7619	1.3339	0.007254	142.01
-1 SD	1.0945	1.2699	0.6560	0.7497	1.3125	0.007042	137.85
-2 SD	1.0839	1.2538	0.6457	0.7436	1.3021	0.006936	135.87
Calls			0.6800				
Calls	1.1300	1.3200	0.6775				
Calls	1.1100	1.3000	0.6750			0.007400	142.86
Calls	1.1050	1.2900	0.6725	0.7650	1.3514	0.007225	141.84
Calls	1.1000	1.2850	0.6700	0.7600	1.3245	0.007200	140.85
Puts	1.1050	1.2700	0.6600	0.7550	1.3158	0.007100	138.89
Puts	1.1000	1.2600		0.7400	1.3072	0.007050	138.41
Puts	1.0900	1.2500				0.007000	135.14
Puts	1.0850	1.2400					
Puts	1.0800						

Option implied ranges and strikes with relevant OI; next expiration including Weeklies; Source: CME QuikStrike

# Growth

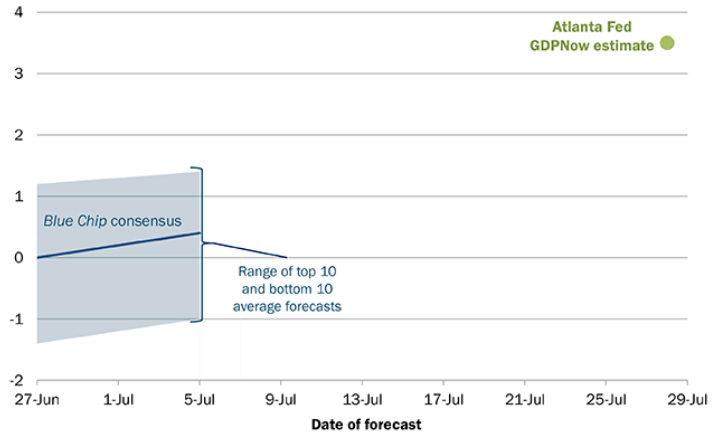
## Growth

### Comment

The **Atlanta Fed GDPNow** model starts off at 3.5% for Q3.

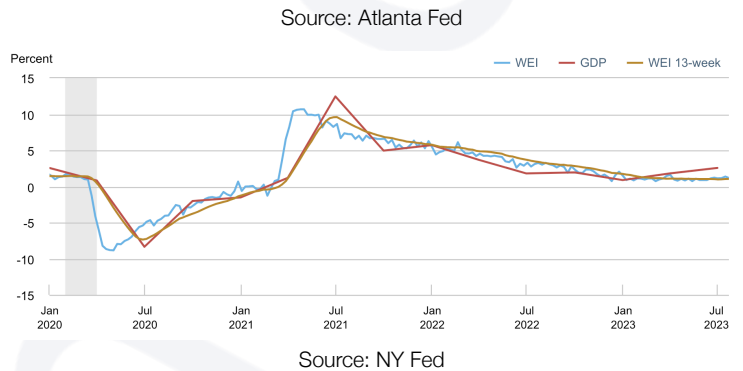
### Chart

**Evolution of Atlanta Fed GDPNow real GDP estimate for 2023: Q3**  
 Quarterly percent change (SAAR)



Sources: Blue Chip Economic Indicators and Blue Chip Financial Forecasts  
 Note: The top (bottom) 10 average forecast is an average of the highest (lowest) 10 forecasts in the Blue Chip survey.

The **NY Fed Weekly Economic Index** estimates annual real GDP growth at 1.17.



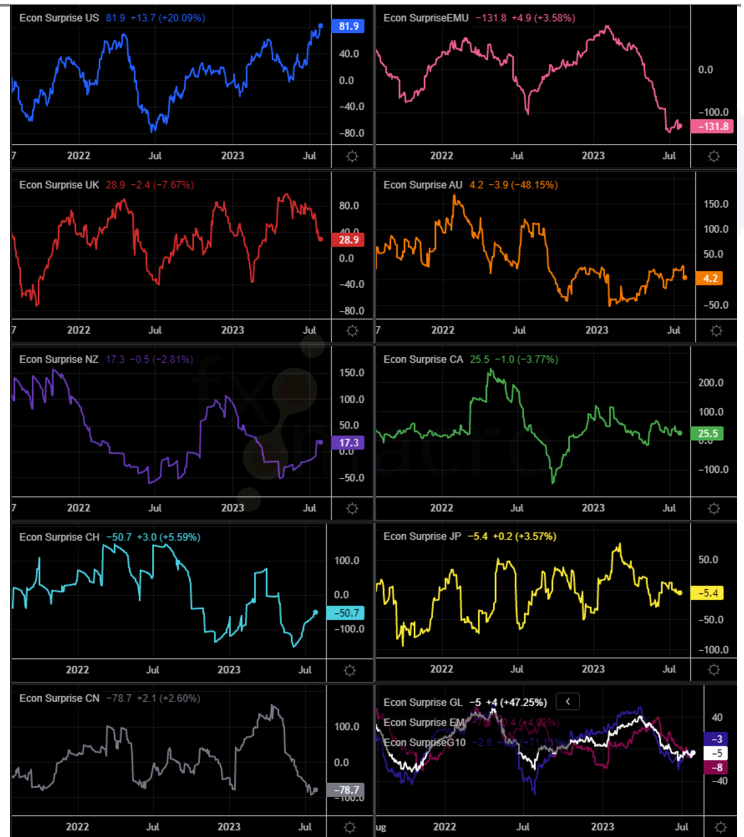
## Growth

### Comment

#### Citi Economic Surprise Indexes:

- **USD** has reached a new high, **EUR** has ticked lower again
- **GBP** continues to go lower
- **AUD** ticked down while **NZD** is rising
- **CHF** is going higher
- **CAD** and **JPY** are mostly sideways
- **China** is at a low
- The **Global CESI** is going sideways too

### Chart



Source: Refinitiv

The **CESI spread EUR-USD** remains mostly unchanged but still points to a lower **EURUSD**.



Source: Refinitiv

The **CESI spread AUD-NZD** isn't pointing in any one direction.



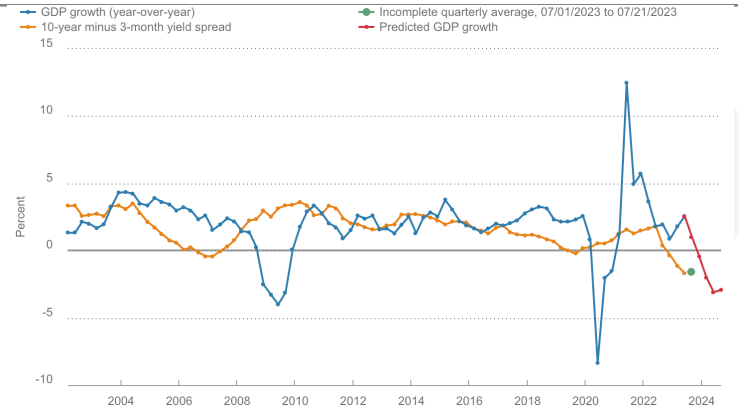
Source: Refinitiv

## Growth

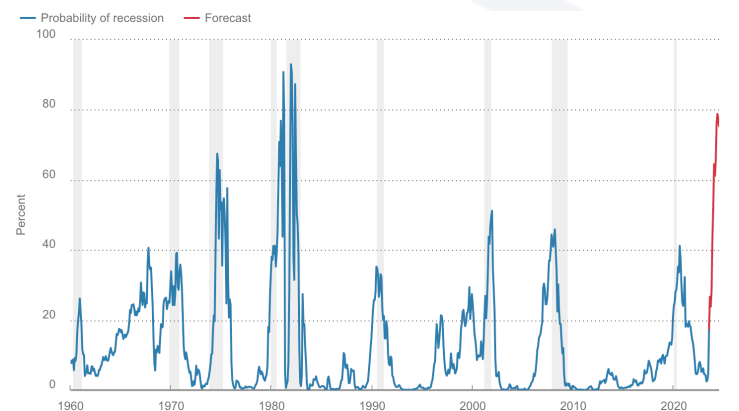
### Comment

The **Cleveland Fed Yield Curve Predicted GDP Growth** model still sees the probability of a recession north of 75% in June 2024.

### Chart



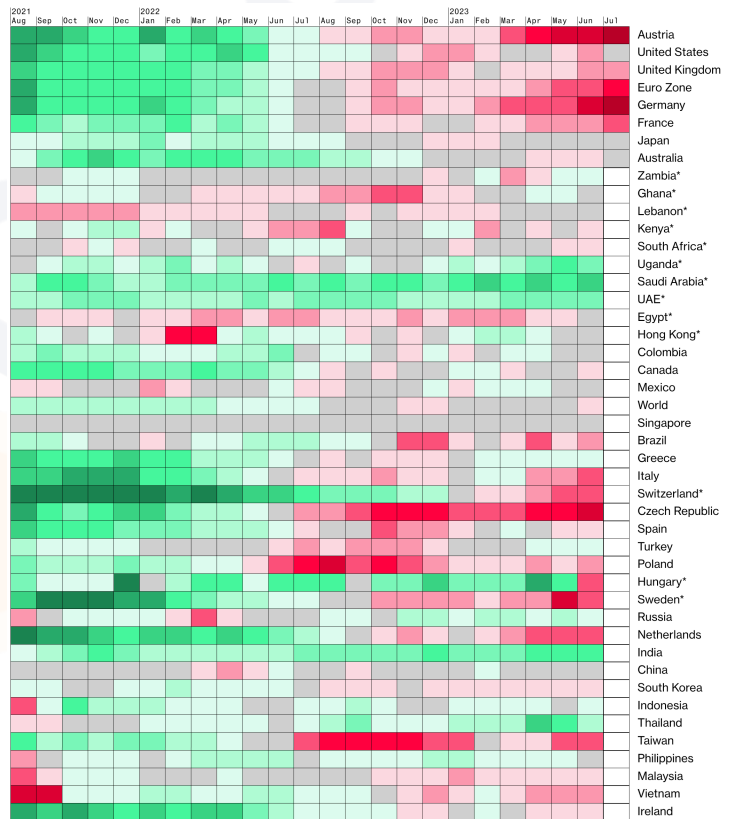
Source: Cleveland Fed



Source: Cleveland Fed

### Bloomberg PMI heatmap:

- The **US** and **Australia** have improved in July
- The **Eurozone** and **Germany** both have worsened
- The **UK** and **Japan** remain unchanged
- PMIs for the rest of the world have not yet been released
- **China, South Korea, Taiwan, Vietnam** all remain unchanged and weak



Country names with an asterisk (\*) are represented using their whole economy PMI. All others are shown with their manufacturing PMI.

Source: Bloomberg



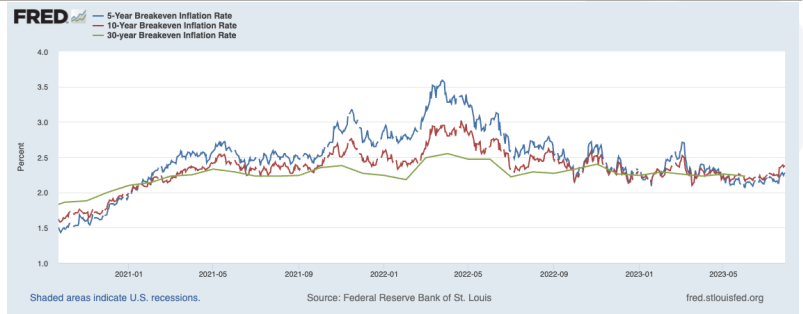
# Inflation

## Inflation

### Comment

**Breakeven inflation rates, 5y5y forward inflation expectations and RINF** have all ticked up last week. Breakevens remain near their bottom edge while 5y5y forwards are approaching the high.

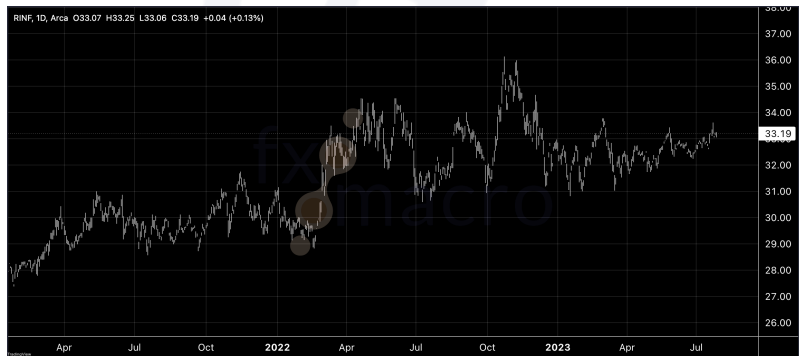
### Chart



Source: FRED



Source: FRED



Source: TradingView

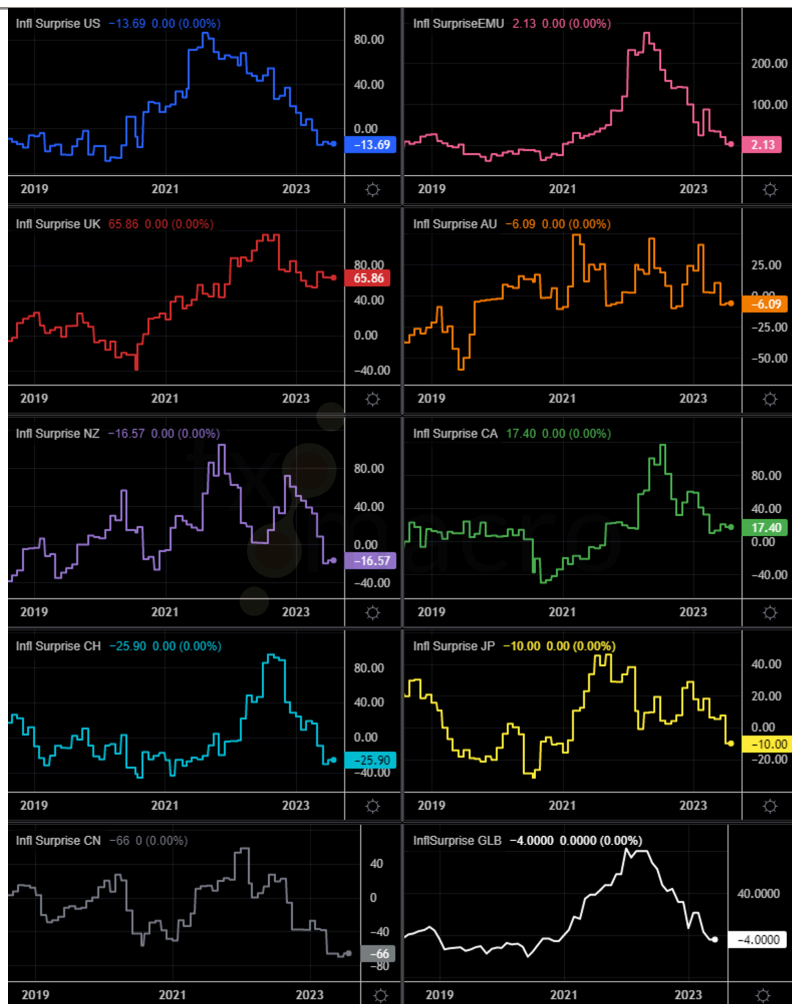
## Inflation

### Comment

#### Citi Inflation Surprise Indexes:

- This updates at the beginning of the month, so things are unchanged here for now
- Ticks up in: **AUD, NZD, CHF, CNY**
- Ticks down in: **USD, EUR, CAD**
- A larger drop in **JPY**

### Chart



Source: Refinitiv



## Yields

### Yields

#### Comment

10-year yield performance:

- **Japan** is the outperformer (!) over one month, followed by **Canada** and **New Zealand**
- The **UK** is the underperformer

#### Chart

Major10Y	Yield	Day	Weekly	Monthly	YoY	Date
Turkey	18.7200	▲ 0.6300	0.63%	2.64%	1.57%	Jul/28
Russia	11.4600	▲ 0.0300	0.02%	0.34%	2.41%	Jul/28
Mexico	8.8800	▲ 0.0210	0.09%	0.18%	0.33%	Jul/28
Japan	0.5560	▲ 0.1150	0.08%	0.17%	0.38%	Jul/28
Canada	3.5200	▼ 0.0970	0.11%	0.16%	0.91%	Jul/28
New Zealand	4.7540	▲ 0.0760	0.10%	0.14%	1.36%	Jul/28
Greece	3.8120	▲ 0.0820	0.01%	0.12%	0.82%	Jul/28
Spain	3.5200	▲ 0.0400	0.06%	0.12%	1.59%	Jul/28
United States	3.9566	▼ 0.0554	0.12%	0.10%	1.31%	Jul/28
South Korea	3.7270	▲ 0.0900	0.09%	0.10%	0.60%	Jul/28
France	3.0380	▲ 0.0380	0.05%	0.08%	1.65%	Jul/28
Portugal	3.2020	▲ 0.0280	0.04%	0.07%	1.35%	Jul/28
Netherlands	2.8190	▲ 0.0200	0.03%	0.06%	1.70%	Jul/28
Germany	2.4670	▲ 0.0320	0.04%	0.05%	1.64%	Jul/28
India	7.1610	▲ 0.0410	0.07%	0.05%	-0.16%	Jul/28
Australia	3.9730	▲ 0.0260	-0.05%	0.05%	0.90%	Jul/28
Switzerland	1.0060	▲ 0.0430	0.04%	0.02%	0.55%	Jul/28
Italy	4.1190	▲ 0.0430	0.05%	0.02%	0.97%	Jul/28
Brazil	10.9290	▲ 0.0090	0.05%	-0.03%	-2.11%	Jul/28
United Kingdom	4.3250	▲ 0.0130	0.05%	-0.06%	2.46%	Jul/28
South Africa	10.1850	▼ 0.0300	-0.15%	-0.31%	-0.18%	Jul/28

Source: tradingeconomics.com

Australian 2y and 10y yields look especially weak while **Japanese** yields have made new highs. **GBP** yields also look lacklustre compared to **German, US** and **Canadian** yields.



Source: TradingView

## Yields

### Comment

#### 2-year, 10-year yields and 2s10s:

- Bull steepening in **UK** and **Aussie** yield curves
- Bear steepening in **Japanese** 2s10s

### Chart



Source: TradingView

#### Global yield curve comparison (2s10s):

- A bit of steepening, especially in **Aussie** and **UK** 2s10s



Source: TradingView

# US Dollar and Central Banks

## USD and Central Banks

### Comment

FOMC meeting probabilities according to **CME's FedWatch Tool**:

- The **next five meetings** are all priced for a policy hold
- Probabilities are skewed to the upside through **December**, and after that, greater probabilities are assigned to a rate cut
- The **first rate cut** is pencilled in for **May 2024**
- Overall, things look pretty much exactly the same as they did last week

### Chart

MEETING PROBABILITIES											
MEETING DATE	325-350	350-375	375-400	400-425	425-450	450-475	475-500	500-525	525-550	550-575	575-600
20.09.2023				0,0%	0,0%	0,0%	0,0%	0,0%	80,0%	20,0%	0,0%
01.11.2023	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	67,1%	29,7%	3,2%
13.12.2023	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	8,9%	62,1%	26,2%	2,8%
31.01.2024	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	2,4%	23,2%	52,5%	19,9%	2,0%
20.03.2024	0,0%	0,0%	0,0%	0,0%	0,0%	1,0%	11,1%	35,5%	38,8%	12,4%	1,2%
01.05.2024	0,0%	0,0%	0,0%	0,0%	0,0%	0,8%	8,9%	30,2%	38,1%	18,2%	3,6%
19.06.2024	0,0%	0,0%	0,0%	0,3%	4,0%	17,3%	33,3%	30,2%	12,4%	2,3%	0,2%
31.07.2024	0,0%	0,0%	0,2%	2,9%	13,4%	28,6%	31,1%	17,7%	5,3%	0,8%	0,0%
25.09.2024	0,0%	0,2%	2,3%	11,1%	25,2%	30,6%	20,6%	8,0%	1,8%	0,2%	0,0%
06.11.2024	0,1%	1,7%	8,6%	21,3%	29,1%	23,4%	11,5%	3,5%	0,6%	0,1%	0,0%
18.12.2024	1,2%	6,3%	17,0%	26,4%	25,3%	15,6%	6,3%	1,6%	0,3%	0,0%	0,0%

MEETING PROBABILITIES												
MEETING DATE	300-325	325-350	350-375	375-400	400-425	425-450	450-475	475-500	500-525	525-550	550-575	575-600
26.07.2023				0,0%	0,0%	0,0%	0,0%	0,0%	0,8%	99,2%	0,0%	0,0%
20.09.2023	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,7%	83,5%	15,9%	0,0%
01.11.2023	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,6%	68,8%	27,8%	2,8%
13.12.2023	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,1%	9,1%	63,6%	24,7%	2,5%
31.01.2024	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	3,3%	28,3%	50,0%	16,9%	1,6%
20.03.2024	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	1,8%	16,8%	40,0%	32,1%	8,6%	0,7%
01.05.2024	0,0%	0,0%	0,0%	0,0%	0,0%	1,7%	15,8%	38,5%	32,6%	10,1%	1,2%	0,0%
19.06.2024	0,0%	0,0%	0,0%	0,0%	0,8%	8,1%	26,2%	35,8%	22,3%	6,0%	0,7%	0,0%
31.07.2024	0,0%	0,0%	0,0%	0,6%	6,6%	22,3%	33,8%	25,2%	9,5%	1,8%	0,2%	0,0%
25.09.2024	0,0%	0,0%	0,5%	5,6%	19,8%	31,9%	26,6%	12,0%	3,1%	0,4%	0,0%	0,0%
06.11.2024	0,0%	0,4%	4,5%	16,7%	29,3%	27,7%	15,2%	5,0%	1,0%	0,1%	0,0%	0,0%
18.12.2024	0,3%	3,1%	12,5%	25,0%	28,3%	19,5%	8,5%	2,4%	0,4%	0,0%	0,0%	0,0%

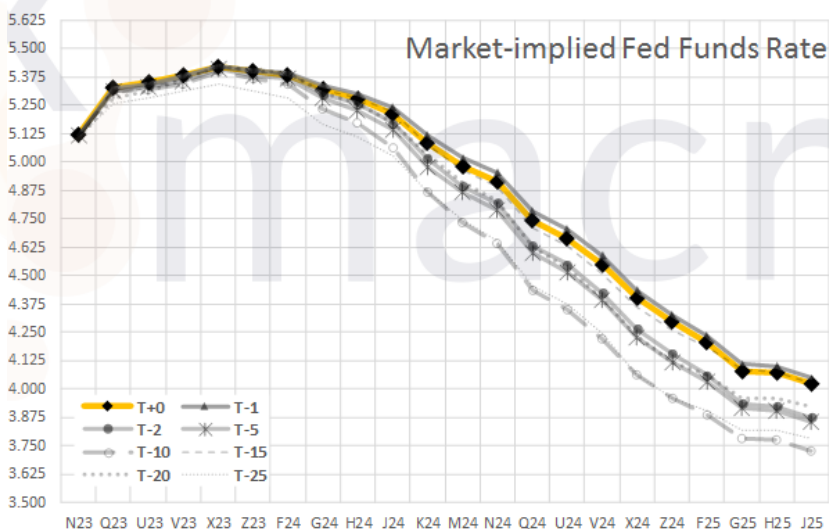
Source: CME FedWatch Tool, top: current week, bottom: previous week

### Fed Funds forward curve:

- Similarly, there's been hardly any change here compared to last week

### US Dollar

		Daily										
		T+0	T-1	T-2	T-3	T-4	T-5	T-6	T-7	T-8	T-9	T-10
Inflation	10y BE	2.37	2.36	2.39	2.38	2.35	2.35	2.22	2.23	2.25	2.24	2.24
	5y BE	2.27	2.24	2.26	2.28	2.23	2.21	2.13	2.13	2.16	2.15	2.16
	5y5y	2.47	2.48	2.52	2.48	2.47	2.49	2.31	2.33	2.34	2.33	2.32
	RINF %d/d	0.24	-0.53	-0.33	0.48	-0.01	1.70	-0.37	-0.41	0.29	-0.36	-0.38
	CL %d/d	1.66	-1.07	1.13	2.17	1.88	0.48	-0.49	2.04	-1.68	-1.91	1.50
	US 10y	4.00	3.87	3.89	3.88	3.84	3.85	3.75	3.79	3.81	3.83	3.77
	US 2y	4.93	4.86	4.88	4.92	4.85	4.84	4.77	4.77	4.75	4.77	4.64



N23 Q23 U23 V23 X23 Z23 F24 G24 H24 J24 K24 M24 N24 Q24 U24 V24 X24 Z24 F25 G25 H25 J25

## USD and Central Banks

### Comment

Here's the same data in table format:

### Chart

		Implied Federal Funds Rate										
		Daily										
		T+0	T-1	T-2	T-3	T-4	T-5	T-6	T-7	T-8	T-9	T-10
	<b>Terminal</b>	<b>5.420</b>	<b>5.425</b>	<b>5.425</b>	<b>5.440</b>	<b>5.425</b>	<b>5.410</b>	<b>5.415</b>	<b>5.400</b>	<b>5.405</b>	<b>5.400</b>	<b>5.400</b>
	N23	5.120	5.120	5.120	5.120	5.118	5.115	5.115	5.118	5.118	5.118	5.115
	Q23	5.330	5.325	5.325	5.325	5.320	5.315	5.315	5.315	5.315	5.315	5.310
	U23	5.350	5.345	5.340	5.340	5.335	5.330	5.330	5.330	5.330	5.325	5.320
	V23	5.380	5.380	5.375	5.375	5.365	5.355	5.360	5.350	5.350	5.350	5.345
	<b>X23</b>	<b>5.420</b>	<b>5.425</b>	<b>5.425</b>	<b>5.440</b>	<b>5.425</b>	<b>5.410</b>	<b>5.415</b>	<b>5.400</b>	<b>5.405</b>	<b>5.400</b>	<b>5.400</b>
	Z23	5.400	5.405	5.400	5.420	5.400	5.380	5.390	5.365	5.370	5.360	5.365
	F24	5.385	5.395	5.385	5.410	5.385	5.365	5.370	5.345	5.350	5.335	5.345
	G24	5.320	5.340	5.300	5.335	5.310	5.280	5.275	5.235	5.235	5.220	5.235
	H24	5.280	5.300	5.255	5.285	5.260	5.230	5.225	5.175	5.175	5.155	5.175
	J24	5.215	5.240	5.170	5.205	5.175	5.145	5.130	5.075	5.070	5.045	5.065
	K24	5.085	5.120	5.015	5.055	5.020	4.980	4.960	4.890	4.880	4.850	4.870
	M24	4.980	5.020	4.895	4.940	4.900	4.865	4.840	4.760	4.750	4.720	4.735
	N24	4.915	4.955	4.820	4.870	4.830	4.790	4.760	4.670	4.660	4.630	4.645
	Q24	4.745	4.785	4.630	4.690	4.645	4.600	4.565	4.465	4.455	4.425	4.435
	U24	4.665	4.705	4.550	4.610	4.565	4.515	4.480	4.380	4.370	4.340	4.350
	V24	4.550	4.590	4.425	4.490	4.440	4.390	4.355	4.250	4.240	4.210	4.220
	X24	4.400	4.435	4.265	4.330	4.275	4.225	4.190	4.085	4.080	4.050	4.060
	Z24	4.295	4.325	4.155	4.225	4.170	4.120	4.085	3.980	3.975	3.950	3.960
	F25	4.205	4.235	4.060	4.135	4.080	4.030	4.000	3.895	3.895	3.875	3.885
	G25	4.080	4.110	3.935	4.020	3.965	3.915	3.890	3.785	3.785	3.775	3.785

### ASX RBA Rate Indicator:

- The probability for another rate hike from the RBA next week have dropped markedly to around 10% now



Source: ASX

# Sectors and Flows

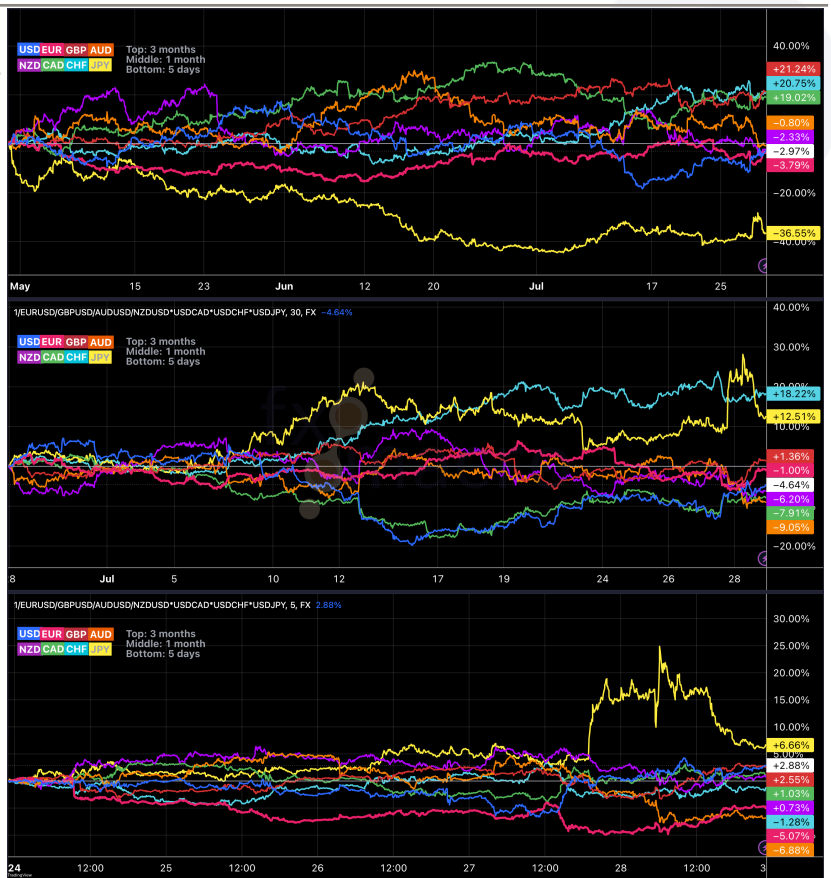
## Sectors and Flows

### Comment

#### Currency strength:

- **CHF** is the outperformer over one and three months,
- **JPY** has underperformed over three months but it did pretty well over one month, and despite the BOJ's confusing messaging it remains the outperformer this week
- **AUD** was the weakest currency this week, followed by **EUR**

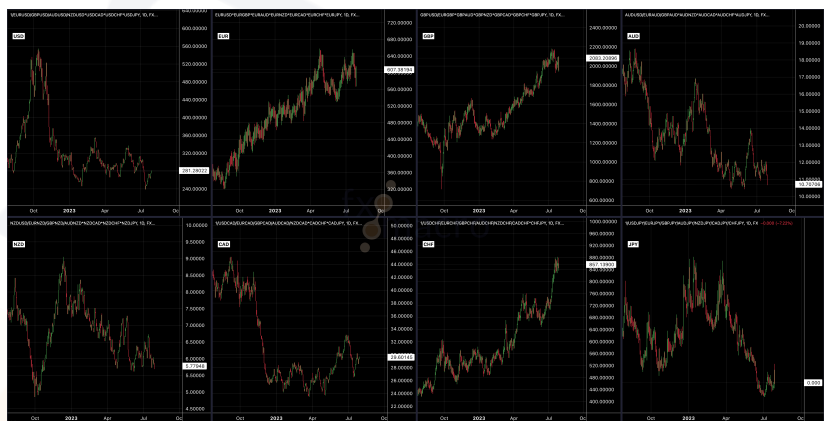
### Chart



Source: TradingView

#### Currency strength charts:

- **GBP** and **CHF** strength over one year are remarkable
- **AUD** and **NZD** weakness on the other hand...



Source: TradingView

## Sectors and Flows

### Comment

#### Equity sector performance:

- Outperformers: **SMH** (Semiconductors), **OIH** (Oil Services), **XLK** (Tech), **XLY** (Consumer Discretionary)
- **IWM** (Russell 2000) has outperformed **SPY**
- Underperformers: **XLU** (Utilities), **XLP** (Staples), **XLV** (Healthcare), **XLE** (Energy)

### Chart

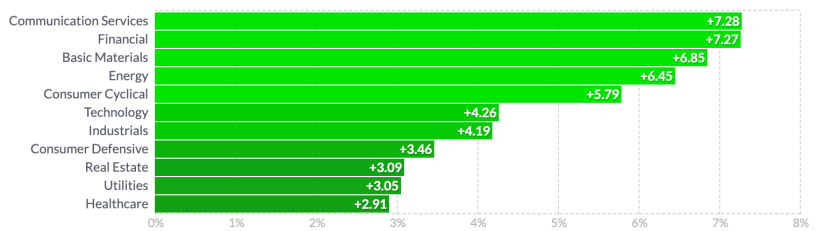


Source: TradingView

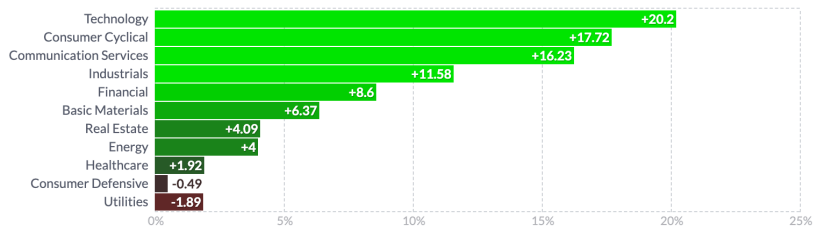
#### Similar data but different chart:

- Every sector is in the green over one month
- The only two sectors that are not positive over three months are **Utilities** and **Consumer Defensive**

#### 1 MONTH RELATIVE PERFORMANCE

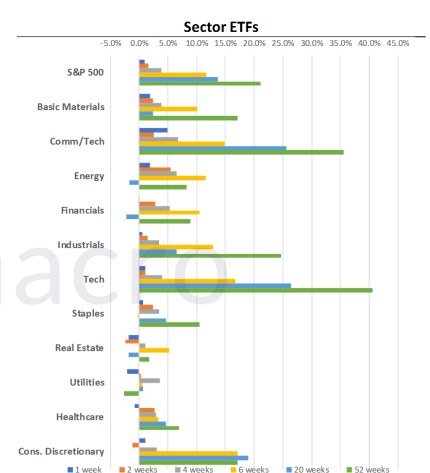
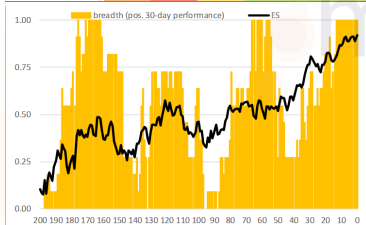
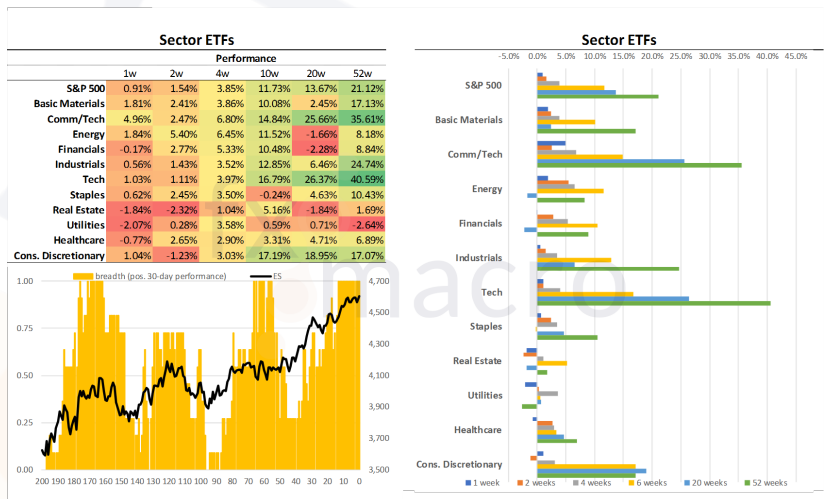


#### 3 MONTH RELATIVE PERFORMANCE



Source: finviz.com

**Sector breadth** is looking healthy with all sectors positive over 30 days.



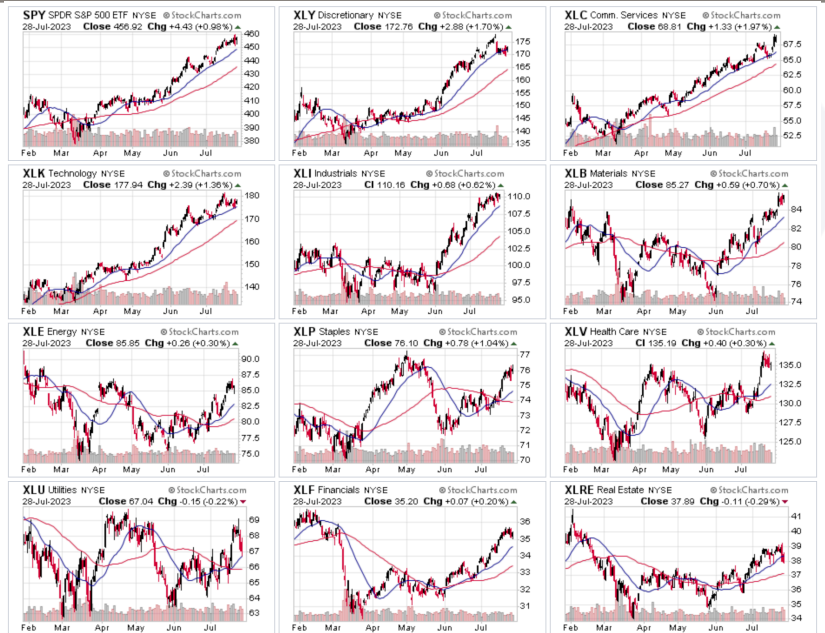


## Sectors and Flows

### Comment

#### Sector thumbnail charts:

### Chart



Source: stockcharts.com

#### International stock markets:

- **Nasdaq** is still the outperformer by some margin but the **Russell 2000** isn't far behind
- **BOVESPA** and **Japan** have performed well too
- The **FTSE 100** is the worst performer and one of the few indexes that are negative over three months



Source: TradingView



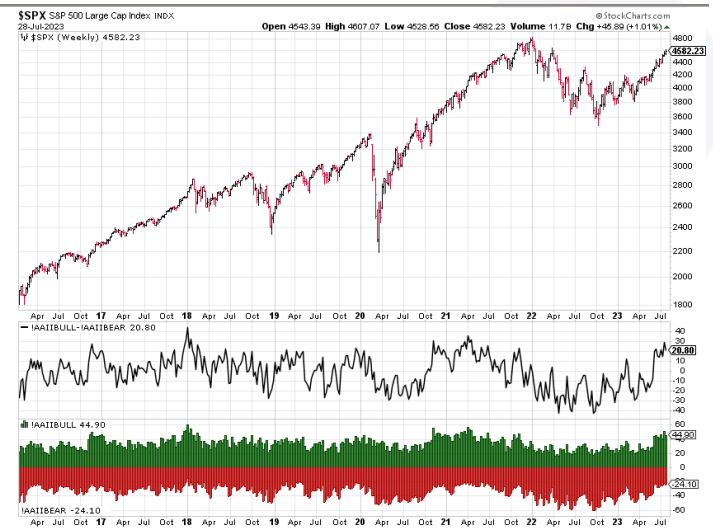
# Sentiment and Positioning

## Sentiment and Positioning

### Comment

The **AAll Bull-Bear spread** has backed off a bit from its high but it remains stretched.

### Chart



Source: stockcharts.com

### Currency sentiment:

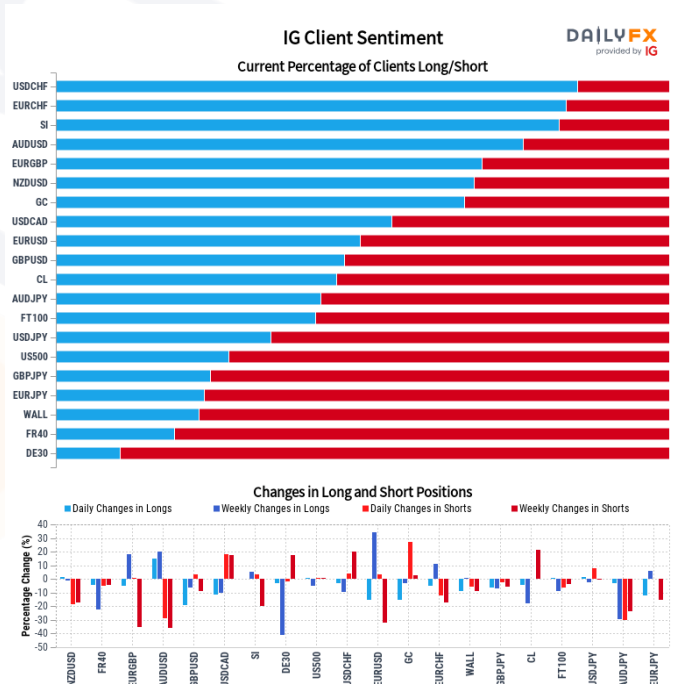
- Bullish sentiment: **AUD, NZD, JPY, CAD**
- Bearish sentiment: **CHF, GBP**

CURRENCIES	LONG	SHORT
AUD	74.02%	+48.04%
CAD	60.94%	+21.88%
CHF	28.81%	-42.38%
EUR	45.99%	-8.02%
GBP	37.50%	-25.00%
JPY	70.98%	+41.96%
NZD	73.92%	+47.84%
USD	52.23%	+4.46%

Source: Dukascopy

### Different sentiment source:

- **USDCHF** and **EURCHF** remain the two FX pairs with the most bullish sentiment
- **JPY** pairs all have bullish **JPY**-sentiment



Source: dailyfx.com

## Sentiment and Positioning

### Comment

#### Commitment of Traders and futures performance:

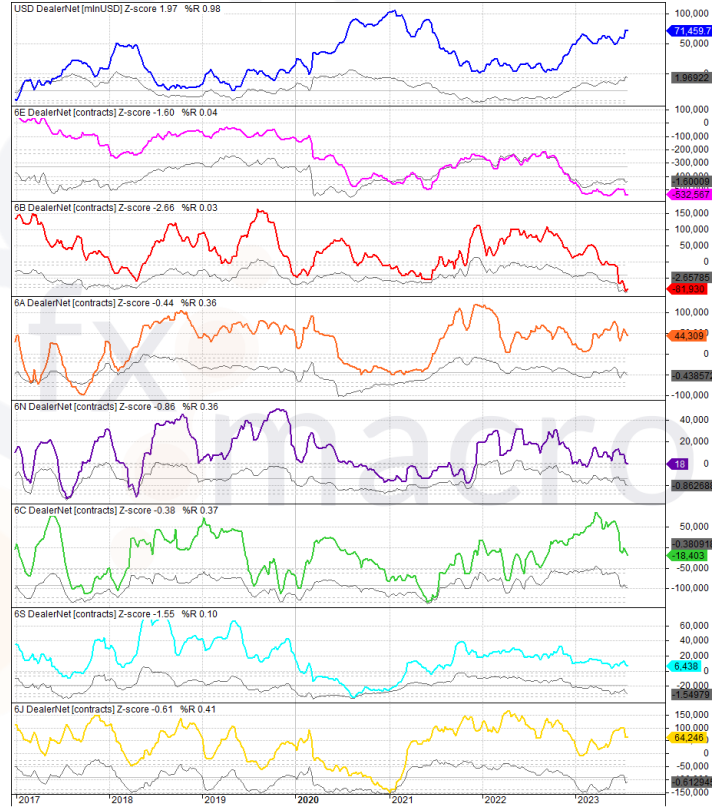
- **Equity** futures were all positive this week, positioning in **YM** is at a bearish extreme
- **VIX** futures positioning is bearish (for VX prices)
- **Treasury** futures are all down for the week, positioning remains bullish in the short end of the curve and is now positive for **TN** and **UB** as well
- **Currency** futures were mostly lower, except for **DX** and **6B**; positioning-wise, things haven't changed much: **6E** and **6B** are near bearish
- **Bitcoin** had another slightly negative week
- **Energy** futures were mixed with, once again, only **NG** lower
- **Metals** also had a mixed with and only **HG** was positive this week; **HG** has an RSL of 1.00, which means it's trading right at its 26-week moving average; positioning remains bullish in **PA**
- **Grains** and **softs** were mixed too; positioning in **CT** and **CC** is bearish

### Chart

Future	Close	% change					Relative Strength (Levy)					Commercials			Commitment of Traders			Z-score		
		1w	2w	4w	8w	12w	now	1w	2w	4w	8w	12w	Index	Z-score	Large	COT Index	Comm.		Range	
SPX	4,666.50	1.90	1.50	2.60	6.30	9.80	10.70	1.00	1.00	1.01	1.01	1.02	0.22	-0.17	0.21	-0.24	-0.34	0.52		
Nasdaq	15,847.50	2.00	1.00	3.30	7.40	17.40	26.40	1.14	1.13	1.15	1.15	1.08	0.33	-0.28	0.31	-0.73	0.23	-1.25		
Russell 2k	1,991.00	1.00	2.40	4.60	7.40	11.60	2.00	1.07	1.06	1.04	1.02	1.00	0.25	-0.25	0.66	0.05	0.32	-0.38		
Dow Jones	35,592	0.50	2.60	2.70	4.30	4.60	2.90	1.05	1.04	1.02	1.01	1.00	0.06	-2.35	1.04	2.42	-1.36	1.94		
VIX	14.99	-4.00	-6.60	-13.10	-30.90	-43.20	-52.80	0.59	0.60	0.60	0.61	0.69	0.78	0.77	0.63	-1.56	0.61	1.62	0.33	-0.31
2y T-Notes	101.48	-0.20	-0.40	-0.20	-1.20	-2.40	-2.10	0.99	0.99	0.99	0.98	0.99	1.00	1.00	1.00	2.23	0.00	-2.16	0.37	-0.17
5y T-Notes	106.76	-0.50	-0.80	-0.30	-1.70	-3.80	-3.30	0.98	0.98	0.99	0.98	0.99	1.01	1.00	0.95	1.99	0.65	-1.90	-0.85	1.05
10y T-Notes	111.34	-0.80	-1.10	-0.80	-2.20	-4.50	-4.00	0.98	0.98	0.98	0.98	0.99	1.01	1.00	0.71	0.80	0.30	-0.89	-2.20	-0.07
T-Bonds	124.25	-1.70	-1.70	-2.10	-2.90	-5.40	-5.60	0.97	0.98	0.98	0.98	0.98	1.01	1.01	0.52	0.34	0.37	-0.73	-0.82	0.49
Ultra 10y T-Notes	116.89	-1.10	-1.30	-1.30	-2.40	-4.70	-4.40	0.97	0.98	0.98	0.98	0.99	1.01	1.00	0.63	1.70	0.10	-1.39	0.67	-0.47
Ultra T-Bonds	131.94	-2.20	-2.00	-3.10	-3.20	-5.90	-8.10	0.95	0.97	0.97	0.98	0.97	1.00	1.02	0.91	1.59	0.66	-1.80	0.58	-0.25
Dollar Index	101.40	-0.60	-1.90	-1.20	-2.10	0.80	0.60	0.99	0.99	0.98	1.00	1.01	0.98	0.95	1.66	1.66	0.06	-1.47	1.97	-3.84
EUR	1.1051	-0.90	-1.90	0.90	2.60	-0.50	0.30	1.01	1.02	1.03	1.00	0.99	1.02	1.00	0.10	0.95	0.76	0.96	0.57	-1.07
GBP	1.2860	0.00	-1.90	1.30	3.00	1.40	3.20	1.03	1.03	1.05	1.02	1.01	1.03	1.05	0.65	-2.25	0.36	2.35	0.87	-0.88
AUD	0.6963	-1.20	-2.80	-0.20	0.20	-2.00	-7.00	0.99	1.00	1.01	0.98	0.98	0.99	1.06	0.48	-0.95	0.31	-0.70	-0.30	0.00
NZD	0.6153	-0.30	-3.50	0.30	1.50	-2.30	-5.20	0.99	0.99	1.02	0.99	0.97	1.00	1.06	0.31	-0.40	0.61	0.17	-0.21	0.72
CAD	0.7558	-0.30	-0.20	-0.10	1.30	0.80	0.20	1.01	1.02	1.02	1.01	1.01	1.01	1.01	0.06	-1.63	0.77	1.26	0.93	0.59
CHF	1.1566	-0.40	-1.00	2.70	4.00	1.60	4.00	1.03	1.04	1.04	1.01	1.00	1.03	1.03	0.13	-1.33	0.50	2.60	-0.75	0.73
JPY	0.7148	0.50	-1.70	1.90	-1.40	-5.40	-10.00	0.96	0.95	0.97	0.93	0.95	0.98	1.05	0.64	0.43	0.42	-0.49	-0.74	0.92
BTC	29,535	-1.80	-2.90	-4.30	5.20	-3.30	18.80	1.05	1.08	1.10	1.15	1.12	1.29	1.20	0.51	0.27	0.42	-0.67	-0.78	0.86
Crude	80.58	-4.60	6.90	14.20	12.20	12.60	12.60	0.20	1.08	1.03	1.01	0.94	0.94	0.92	0.37	-0.09	0.66	0.17	-1.14	1.27
Natural Gas	2.64	-3.80	2.80	-6.70	18.50	11.80	23.20	0.98	1.01	0.91	0.90	0.65	0.58	0.48	0.16	-1.63	0.89	1.83	0.62	-1.11
Heating Oil	2.9586	7.80	13.90	20.90	26.00	28.90	-5.00	1.16	1.07	1.01	0.94	0.87	0.82	1.11	0.95	-1.54	0.80	1.00	-0.99	0.74
Gasoline	2.9558	6.50	11.80	16.10	23.90	37.60	17.50	1.22	1.16	1.10	1.07	1.02	0.92	1.13	0.28	-1.51	0.66	1.22	-0.19	0.43
Gold	1,960.40	-0.30	-0.20	1.60	-0.50	-4.10	-1.10	1.00	1.00	1.00	0.98	1.01	1.05	1.08	0.25	-0.76	0.75	0.71	0.92	-1.09
Silver	2,449.50	-1.40	-2.80	5.40	2.30	-6.30	1.30	1.03	1.04	1.08	0.97	1.00	1.18	1.11	0.10	-1.47	0.88	1.55	1.04	-1.15
Copper	392.65	-2.90	-0.20	4.40	-4.70	0.60	-7.90	1.00	0.97	0.99	0.94	0.94	0.90	1.14	0.30	-0.63	0.65	0.75	-0.30	0.56
Palladium	1,239.60	-3.60	-3.10	1.40	-11.70	-17.70	-24.20	0.97	0.99	0.97	0.91	0.89	0.90	0.93	1.74	0.00	-1.74	0.00	-0.03	0.00
Platinum	943.70	-2.90	-4.10	3.30	-6.80	-12.40	-9.80	0.94	0.96	0.97	0.89	0.97	1.04	1.05	0.35	-1.19	0.62	1.15	-0.02	-0.24
Corn	521.00	-1.10	-2.90	6.70	-5.50	-3.30	-10.30	0.97	0.97	0.93	0.89	1.00	0.97	1.03	0.62	0.56	0.42	-0.57	-1.41	1.69
Wheat	704.25	1.00	6.50	8.00	11.20	4.40	-11.20	1.00	0.99	0.93	0.91	0.86	0.88	0.92	0.29	-0.50	0.74	0.69	-2.05	2.09
Soybeans	1,486.75	-0.90	0.40	3.10	20.20	12.50	8.90	1.10	1.11	1.10	1.08	0.93	0.98	1.04	0.19	-1.10	0.67	0.69	-1.56	1.32
Soybean Oil	67.60	-2.60	3.90	9.60	45.80	32.00	16.90	1.24	1.28	1.21	1.15	0.85	0.89	0.96	0.36	-0.51	0.62	0.44	-0.78	0.56
Soybean Meal	455.20	2.80	7.40	10.00	16.20	8.40	1.20	1.04	1.02	0.97	0.94	0.88	0.95	1.11	0.68	0.39	0.24	-0.55	-0.89	0.86
Cotton	84.26	-0.30	3.70	4.80	-3.00	-0.50	-6.40	1.01	1.01	0.97	0.95	1.02	0.99	0.97	0.08	-1.88	0.88	1.72	-2.97	2.84
Cocoa	3,525.00	3.20	5.20	5.10	13.50	17.00	37.20	1.18	1.16	1.15	1.17	1.14	1.14	1.06	0.00	-1.57	1.60	1.60	0.16	-0.05
Coffee	157.90	-2.40	-1.80	-0.70	-11.70	-15.40	-4.60	0.90	0.92	0.92	0.91	1.04	1.10	0.89	0.68	0.90	0.34	-0.88	-0.29	0.27
Sugar	23.92	-4.40	-1.60	5.00	-3.30	-9.20	29.10	1.04	1.09	1.08	1.04	1.18	1.34	1.13	0.28	-0.19	0.74	0.29	-0.83	0.95
Orange Juice	316.85	-5.70	16.30	28.70	24.50	29.60	103.80	1.32	1.29	1.20	1.13	1.23	1.27	1.11	0.69	0.67	0.30	-0.40	-0.59	1.69

#### COT/TFF dealer net positions for currency futures:

- **USD** is near a bullish high
- **6E** and **6B** are near their multi-year lows
- **6J** is relatively neutral (data is as of Tuesday, so Friday's decision and the leak leading up to it aren't included yet)



COT/TFF dealer net positions, 104-week z-score and %R, source: CFTC

## Sentiment and Positioning

### Comment

Citi PAIN Indexes show that the market is getting longer **USD** again but also longer **CAD** relative to the other G8s.

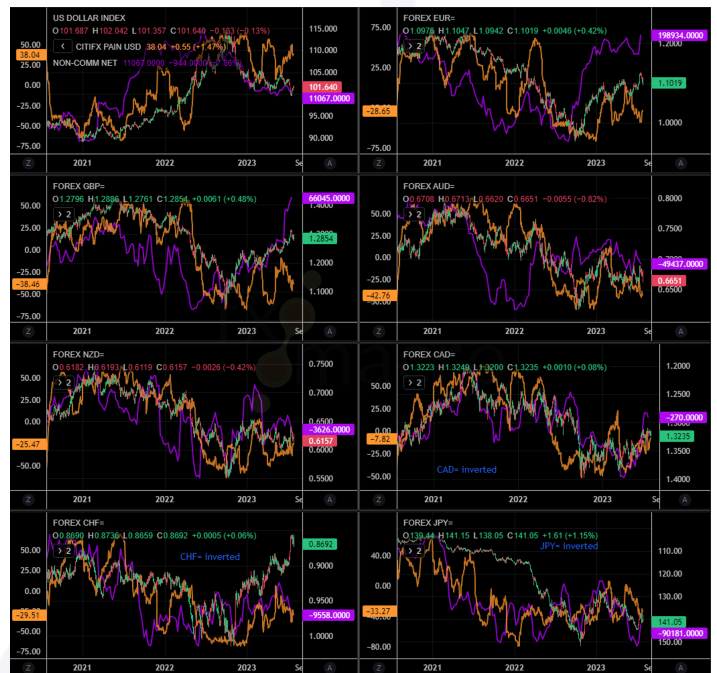
### Chart



Source: Refinitiv

Combined COT/PAIN chart:

- Like last week, the only thing that catches my eye here is the divergence between COT Large Specs and Citi PAIN for **CHFUSD** (USDCHF inverted) vs. spot, pointing to downside in **CHF**



Source: Refinitiv



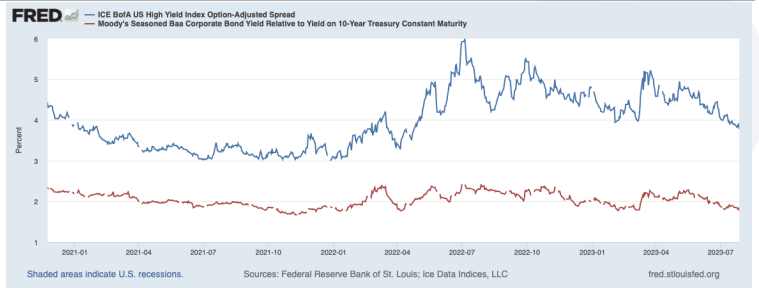
# Market Risks

## Market Risks

### Comment

Credit spreads are contracting further.

### Chart



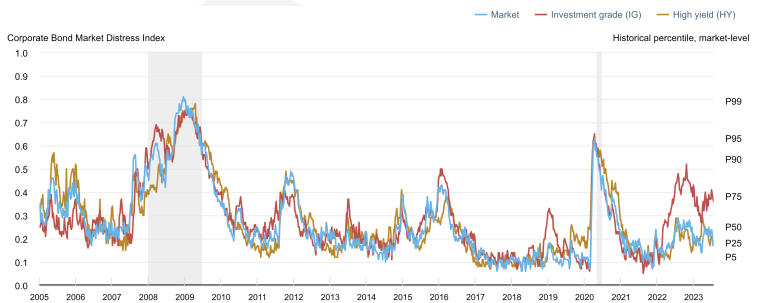
Source: FRED

The **Credit Spread Index** also declined this week.



Source: creditspreadalert.com

The **NY Fed's Corporate Bond Market Distress Index** shows that bond market functioning appears healthy overall.



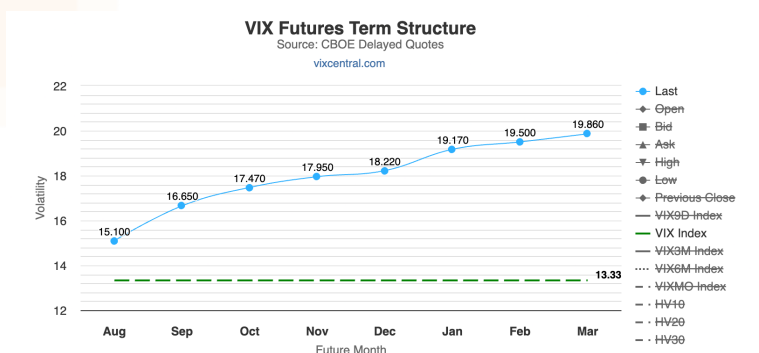
Source: NY Fed

**Currency volatility** isn't signalling stress. The IV for **JPY** dropped about 3 points after Friday's BOJ decision. **CHF** vol is still creeping higher.



Source: Refinitiv

The **VIX term structure** is in contango.



Source: vixcentral.com

## Market Risks

### Comment

#### Volatility indexes:

- **VIX** is at 13, **VVIX** at 87, **MOVE** at 110
- Virtually every index I track is going sideways without any real divergence or up/down direction
- Things look pretty calm from a volatility perspective

### Chart

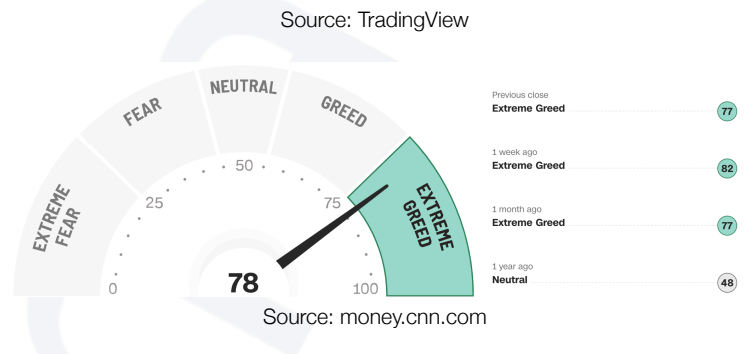


Source: TradingView



Source: TradingView

The **CNN Fear & Greed Index** is still in extreme greed territory.

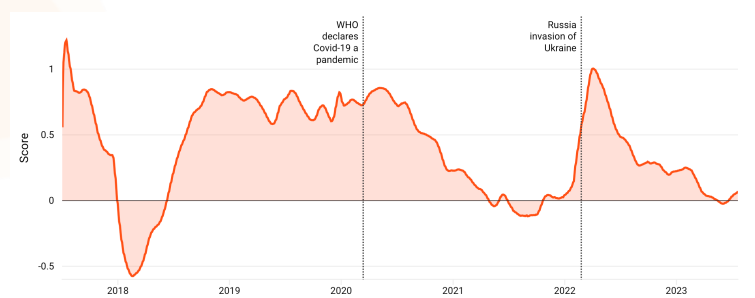


Source: money.cnn.com



Source: money.cnn.com

The **BlackRock Geopolitical Risk Indicator** has ticked up a bit but remains low overall.



FORWARD-LOOKING ESTIMATES MAY NOT COME TO PASS.  
 Source: BlackRock Investment Institute. July 2023. The BlackRock Geopolitical Risk Indicator (BGR) tracks the relative frequency of brokerage reports (via Refinitiv) and financial news stories (Dow Jones News) associated with specific geopolitical risks. We adjust for whether the sentiment in the text of articles is positive or negative, and then assign a score. This score reflects the level of market attention to each risk versus a 5-year history. We assign a heavier weight to brokerage reports than other media sources since we want to measure the market's attention to any particular risk, not the public's.

Source: BlackRock

# Various

## Various

### Comment

**NYSE Advance/Decline Line** is tracking price and there's currently no divergence going on.

### Chart

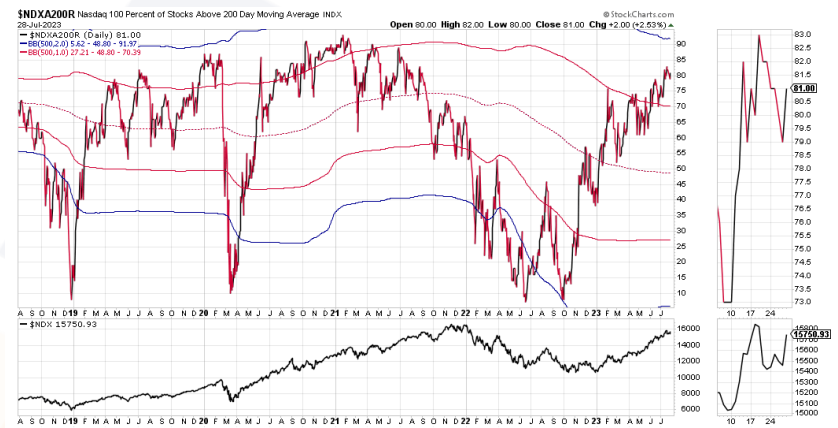


Source: TradingView

Stocks above their **200-day moving averages** look unremarkable.



Source: stockcharts.com



Source: stockcharts.com

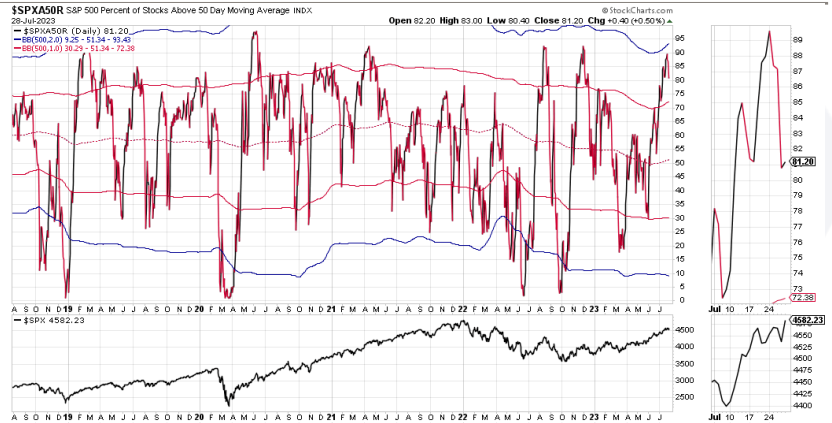


## Various

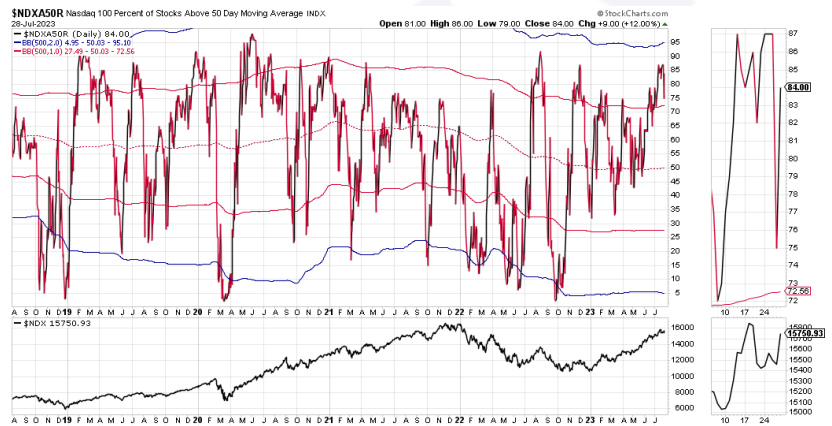
### Comment

Stocks above their **50-day moving averages** have pulled back a bit from their extremes but remain at “overbought” levels.

### Chart



Source: stockcharts.com



Source: stockcharts.com

### 25-delta risk reversals:

- The risk reversal in **USDJPY** has bounced back higher after Friday’s BOJ decision
- **USDCNY** is still seen lower



Source: Refinitiv



## Various

### Comment

#### Market Dashboard:

- **Trend** metrics are green for all indexes
- **Distribution days** are still too high, especially in **ES** and **NQ**
- **Volatility** metrics, **breadth** and **put/call ratios** are all unremarkable

### Chart

Overall Market Conditions							
	last	Daily				last	T-30
		T-1	T-2	T-3	T-4		
<b>Trend</b>							
ES	7	5	7	7	6		
NQ	7	6	6	6	5		
YM	7	5	7	6	6		
RTY	6	6	7	7	7		
DJT	7	7	7	6	6		
<b>Dist. Days</b>							
ES	8	8	7	6	6		
NQ	11	11	10	10	10		
RTY	6	6	5	5	4		
YM	5	6	5	6	6		
<b>Volatility</b>							
VIX	13.33	14.41	13.19	13.86	13.91		
VIX-VIX1	1.55	1.28	1.51	1.41	1.28		
VIX/VIX3M	0.84	0.87	0.84	0.85	0.86		
VVIX	87.38	94.05	85.38	90.00	91.74		
Std(VIX)	0.63	0.62	0.62	0.60	0.61		
Std(VVIX)	4.11	4.26	4.43	4.20	4.25		
<b>ES + VIX down</b>							
VIX Reversal							
MOVE	110	111	105	113	110		
<b>Breadth</b>							
Dvol% NYSE	28.5	75.1	36.8	53.0	31.4		
Dvol% Nasdaq	20.7	64.7	34.9	53.0	54.5		
NHigh% NYSE	92.3	92.5	95.2	94.9	94.6		
NHigh% Nasdaq	68.4	67.5	62.8	61.5	58.4		
<b>Options</b>							
Put/Call (Eq+Idx)	0.81	0.83	0.78	0.84	0.79		
Put/Call (Eq+Hdx)	0.88	0.96	0.96	0.87	0.87		
Put/Call (Equity)	0.79	0.80	0.74	0.82	0.77		
ES/VVIX Corr.	-0.83	-0.84	-0.84	-0.58	-0.31		
VIX/VVIX Corr.	0.38	0.37	0.39	0.34	0.35		

Currencies and Yields						
	last	% Change				
		3h	12h	1d	2d	5d
<b>Currency Strength</b>						
USD	0.69	-1.73	1.50	3.69	2.26	
EUR	0.51	3.53	5.25	1.17	-4.20	
GBP	-0.30	3.31	5.07	0.72	3.07	
AUD	-0.47	1.24	-4.56	-6.43	-6.72	
NZD	0.06	2.68	-1.03	-1.30	0.24	
CAD	0.41	-1.12	1.21	3.58	0.55	
CHF	-0.30	1.54	1.37	-1.52	-0.81	
JPY	-0.59	-8.84	-8.07	0.45	6.19	
<b>bps Change</b>						
USD	4.881	-2.5	-1.0	-5.6	-2.2	2.4
EUR	3.236	1.3	2.1	-4.3	-7.0	0.5
GBP	4.979	0.0	-3.8	-3.6	-4.9	3.7
AUD	3.954	-2.7	-5.7	-12.7	-9.7	-15.2
NZD	5.415	0.0	0.0	1.2	0.5	-0.5
CAD	4.686	-2.7	-9.7	-10.5	1.5	10.2
CHF	1.181	0.0	3.1	-1.1	-1.2	2.7
JPY	-0.015	-0.3	-0.3	2.5	2.8	2.0
CNY	2.095	0.0	0.7	1.6	-0.8	4.2
<b>2y Yields</b>						
USD	3.959	-1.6	-5.4	-5.1	6.3	13.0
EUR	2.467	-0.1	-4.1	-2.4	0.5	3.7
GBP	4.333	0.0	-4.4	2.1	4.3	5.5
AUD	3.978	-1.5	-8.0	-4.6	-2.1	-2.4
NZD	4.754	0.0	0.0	7.6	7.8	9.6
CAD	3.513	-3.0	-10.4	-10.8	3.7	9.8
CHF	1.006	0.0	0.2	-0.2	0.9	6.3
JPY	0.573	0.2	-0.3	13.5	12.6	10.4
CNY	2.688	0.0	0.8	1.3	0.5	4.0
<b>10y Yields</b>						
USD	3.959	-1.6	-5.4	-5.1	6.3	13.0
EUR	2.467	-0.1	-4.1	-2.4	0.5	3.7
GBP	4.333	0.0	-4.4	2.1	4.3	5.5
AUD	3.978	-1.5	-8.0	-4.6	-2.1	-2.4
NZD	4.754	0.0	0.0	7.6	7.8	9.6
CAD	3.513	-3.0	-10.4	-10.8	3.7	9.8
CHF	1.006	0.0	0.2	-0.2	0.9	6.3
JPY	0.573	0.2	-0.3	13.5	12.6	10.4
CNY	2.688	0.0	0.8	1.3	0.5	4.0

### Seasonality:

- **Bullish:** USD
- **Bearish:** AUD, NZD, GBP, CAD, EUR

Market	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Australian Dollar	-0.24	1.11	-1.15	1.22	-1.96	0.95	1.14	-2.37	1.04	0.98	-0.52	-0.19
British Pound	0.17	-0.81	0.00	1.33	-0.99	-0.16	0.81	-1.35	0.89	0.25	-0.07	-0.80
Canadian Dollar	-0.79	1.03	-0.06	0.54	-0.29	-0.63	0.70	-0.90	0.72	-0.62	0.11	-0.14
Euro	-0.66	0.23	0.81	-0.35	-0.41	0.39	0.09	-0.55	0.85	-0.67	0.36	0.81
Japanese Yen	0.52	-1.29	0.45	-0.26	0.37	0.76	0.00	-0.27	-0.18	-0.11	-0.52	0.67
Mexican Peso	0.50	-0.39	-0.16	0.12	-0.39	-0.60	2.07	-2.43	-0.15	1.61	-0.28	-1.06
New Zealand Dollar	-0.50	1.26	-1.38	0.91	-1.05	0.53	1.21	-2.14	0.89	1.00	0.16	-0.69
Swiss Franc	-0.26	-0.08	0.88	-0.97	0.40	0.62	-0.48	-0.47	0.36	-0.27	0.44	1.37
US Dollar Index	0.36	0.03	-0.31	-0.19	0.46	-0.23	-0.46	-0.73	-0.44	0.33	-0.19	-0.42
E-Mini S&P 500	-0.37	1.09	0.00	1.41	-2.11	-0.78	2.54	-1.71	0.18	1.21	0.81	-1.07
E-Mini Dow 30	-0.69	1.50	-0.41	1.58	-2.08	-0.95	2.87	-1.89	0.48	1.18	0.92	-1.20
E-Mini Nasdaq 100	-0.01	0.65	0.66	1.43	-2.09	-0.94	3.43	-1.94	-0.68	1.88	0.50	-1.50
VIX	3.64	-3.01	3.31	-11.46	7.87	4.61	-8.43	13.51	-9.21	0.48	-9.75	8.36
U.S. Treasury Bond	-0.01	0.07	0.18	-0.44	1.08	-0.13	-0.06	0.94	-1.40	-1.08	1.81	-0.60
10 Year U.S. T-Note	0.28	-0.38	0.02	-0.21	0.56	-0.29	0.25	0.33	-0.63	-0.38	0.72	-0.48
5 Year U.S. T-Note	0.24	-0.35	0.06	-0.16	0.32	-0.15	0.21	0.02	-0.22	-0.15	0.29	-0.32
Crude Oil	0.83	3.84	-4.78	2.41	1.61	-2.33	-3.49	1.20	1.13	0.01	-4.47	4.73
Gasoline	2.69	10.47	-12.15	2.18	0.36	-5.35	-0.83	-3.58	3.28	0.24	-0.06	4.94
Heating Oil	0.67	2.91	-4.37	3.52	-0.41	-1.25	-2.00	3.28	-1.76	0.23	-3.57	2.64
Natural Gas	0.24	-2.69	3.27	3.18	-0.76	-7.23	3.90	1.73	4.17	-2.54	0.30	-13.03
Gold	2.27	-0.80	-2.57	1.86	-0.98	-0.39	1.69	1.05	-2.34	0.40	1.13	-1.40
Silver	3.10	-0.10	-4.56	1.53	-1.01	-2.46	7.98	-2.86	-4.26	3.60	1.87	-3.32
Copper	0.15	4.59	-4.40	1.76	-1.68	-2.01	4.74	-3.97	0.83	0.14	0.49	0.64
Palladium	4.70	0.17	-6.13	1.38	-3.02	0.57	4.84	-2.97	-0.01	1.74	2.31	-3.25
Platinum	4.77	-1.84	-5.38	1.87	0.09	-1.82	3.13	-1.36	-2.02	3.14	-0.06	-0.08
Chicago Wheat	-1.56	5.59	-7.12	4.89	-1.11	-0.82	1.10	1.51	-2.38	0.26	1.51	-2.51
Corn	1.34	2.72	-4.69	2.04	-1.51	-4.38	-0.13	6.36	-2.98	5.37	-2.52	1.26
soybeans	-0.06	4.45	-4.71	2.91	-2.25	-1.51	-4.76	5.00	-0.21	4.90	-2.88	3.06
Soybean Meal	0.58	2.26	-1.89	0.94	-0.74	-0.88	-6.07	4.05	0.06	6.37	-5.09	5.08
Soybean Oil	-0.82	6.43	-7.45	6.03	-4.72	-1.64	-0.29	2.04	-0.47	4.34	-2.21	0.73
Cocoa	1.19	0.40	-3.98	4.41	-5.38	4.82	-2.31	2.13	-1.95	-1.83	3.57	-0.76
Cotton	1.52	2.10	-4.01	2.26	-5.92	2.97	-0.61	1.75	0.67	2.48	-3.80	4.29
Coffee	0.83	1.33	-4.65	4.21	-2.65	0.87	0.94	1.76	-3.63	0.13	6.00	-9.86
RL Lumber	0.42	3.29	-4.76	2.83	-4.17	0.35	0.53	3.50	-8.99	8.60	4.31	1.61
Orange Juice	0.07	-1.13	3.34	-3.39	3.06	-2.05	1.82	-1.14	-1.67	4.89	-0.44	-2.76
Sugar	2.57	-1.98	-7.31	5.31	1.83	4.00	-2.36	-2.43	4.66	-3.09	-1.60	3.50
Live Cattle	0.53	-0.73	-4.88	4.25	1.53	0.21	2.81	-5.19	4.57	-2.63	2.52	-3.14
Lean Hogs	5.16	-5.21	15.59	-16.77	2.62	-5.38	-9.03	9.62	0.97	0.56	8.81	-9.12

Source: marketmadeclar.com