



Technical Advantage

First five trading day signals

Key takeaways

- The January Barometer starts by measuring the first five days (FFD) of the year to signal trend for January, Q1 and the year.
- Typically an equity theory, we recap 16 findings in FICC. The FFDs of 2024 favor higher Silver, Oil and \$COP in January & Q1.
- They favor lower \$JPY and €JPY in January. Higher US 2Y & 30Y yield in Q1. And higher Gold in January & YE24. All 16 inside.

The January Barometer starts with the first five days

The January barometer is an equity market cycle that suggests the performance of the first five trading days (FFDs) of the year and/or the entire month of January signals the trend for the rest of the month, quarter and/or year. Ideally, the FFDs and January align. Below we recap 2024s FFD results for the SPX and FICC (DXY, Oil, US 10Y). We also searched FICC with 13 notable results. For more on market cycles and technical analysis, please see Technicals Explained: In 2024, get to know technical strategy 05 Jan 2024.

Thirteen findings in FICC subject to the first five days

We reviewed a variety of FICC markets for up to thirty years of history seeking high hit ratios for trend for the rest of January, Q1 and year given the FFDs. We found many strong hit ratios to know and summarize them in Exhibit 18.

SPX: First five days were down, which reduces relevance

The SPX declined -0.13% in the FFDs of 2024. Out of 96 years, the SPX was down during the FFDs 32 times. The best hit ratio wasn't very good, or up in Q1 59% of the time with an average change of +7.55%. Results for the rest of the year are 50/50.

DXY: First five days up may mean lower at YE24

In the FFDs the DXY rose +0.86%. Of 50 years, the DXY was up 30 times. When FFDs were up the year was down 18 times or 60% of the time on average -7.93%. This agrees with Gold's FFDs results and our year ahead (Flying near the hard deck 03 Dec 2023).

WTI Crude Oil: A bad start is good for month and quarter

The CL1 future declined -1.23% in the FFDs of 2024. When the FFDs were down, the rest of January was up 15 times or 75% of the time for an average gain of 4.99%. The rest of Q1 was up 13 times or 65% of the time for an average gain of 10.64%.

US 10 Year Yield: First five up means rest of Jan down

The US 10y yield rose +15bps beginning 2024 which has tended to happen about half the time over the last sixty years. Of those, the rest of January saw yield move lower 61% of the time for an average change of -18bps. This modestly means yield may retest the 3.8-3.9% area in January or trade rangebound in Jan-Feb such as 3.80-4.10%. Meanwhile, US 2Y yield and US 30Y yield tended to be up ending Q1.

Trading ideas and investment strategies discussed herein may give rise to significant risk and are not suitable for all investors. Investors should have experience in relevant markets and the financial resources to absorb any losses arising from applying these ideas or strategies.

Bof A Securities does and seeks to do business with issuers covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision. Refer to important disclosures on page 15 to 17.

12644375

Timestamp: 10 January 2024 05:06PM EST

10 January 2024

FICC Technical Strategy

Table of Contents

Appendix	2			
SPX: First five days were down, which reduces	2			
relevance	2			
SPX Daily Chart: Early 2024 hangover	3			
DXY: First five days up may mean lower at YE24	4 4			
DXY Daily Chart	5			
WTI Crude Oil: A bad start is good for month and				
quarter	6			
CL1 Daily Chart	7			
US 10 Year Yield: First five up means rest of Jan	1 8			
down				
US 10Y Yield Daily Chart	9			
Thirteen findings in FICC subject to the first fiv				
days	10			

Paul Ciana, CMT

Technical Strategist **BofAS** +1 646 743 7014 paul.ciana@bofa.com

Appendix

SPX: First five days were down, which reduces relevance

The SPX declined -0.13% in the FFDs of 2024. Out of 96 years, the SPX was down during the FFDs 32 times (Exhibit 1). The best hit ratio wasn't very good, or up in Q1 59% of the time w/an average change of 7.55% (Exhibit 3). For the rest of the year, outcomes when FFDs were down have been less conclusive (50/50) than when FFDs were up (70/30) (Exhibit 4).

Exhibit 1: What do the first five trading days of the year do?

The SPX tended to rise in the first five days 64 of 96 times. However this year it declined -0.13% which is less than average and median change.

			First 5 days	First 5 days
	Count	Ratio	average % change	median % change
First five days up	64	67%	1.92%	1.72%
First five days down	32	33%	-2.06%	-1.86%
All years	96		0.60%	0.74%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 2: Do the first five trading days of the year determine the rest of January?

Whether the first five days are up or down have little influence on the rest of the month.

			First 5 days	Rest of January
	Count	Ratio	average % change	average % change
First five days up and rest of January up	36	56%	1.82%	3.23%
First five days up and rest of January down	28	44%	2.05%	-3.43%
First five days down and rest of January up	18	56%	-1.94%	4.16%
First five days down and rest of January down	14	44%	-2.20%	-2.68%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 3: Do the first five trading days of the year determine the rest of Q1?

When the first five trading days are up, the rest of Q1 tends to be up 63% of the time.

			First 5 days	Rest of Q1 average %
	Count	Ratio	average % change	change
First five days up and rest of Q1 up	40	63%	2.00%	5.21%
First five days up and rest of Q1 down	24	38%	1.80%	-7.34%
First five days down and rest of Q1 up	19	59%	-2.02%	7.55%
First five days down and rest of Q1 down	13	41%	-2.11%	-5.83%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 4: Do the first five trading days of the year determine the rest of the year?

When the first five days are up, the rest of the year tends to be up from the end of the 5^{th} session 70% of the time.

Cor	ınt Ratio	First 5 days	average 0	% change F	Rest of vea	r average ^o	% change

First five days up and rest of year up	45	70%	1.91%	18.40%
First five days up and rest of year down	19	30%	1.94%	-12.70%
First five days down and rest of year up	16	50%	-2.13%	19.07%
First five days down and rest of year down	16	50%	-1.98%	-12.64%

Source: BofA Global Research, Bloomberg



SPX Daily Chart: Early 2024 hangover

FFDs of 2024 down -0.13% after a TD Sequential 13 sell signal ending 2023

Multiple technical signals had implied a stall/correction entering 2024. 1) Daily and weekly upside exhaustion signals from TD Sequential (DeMark Indicator), 2) Complacent put/call ratios, 3) Bearish divergences from the 3-month VIX vs the VIX and 4) The percentage of stocks above the 10-day moving averages suggest. These suggest tactical risks in early 2024 for corrective price action and so far resulted in the FFDs being down a modest -0.13%. (Report reference: Market Analysis Comment: Tactical hangover entering 2024 03 January 2024)

Chart 1: S&P 500 Daily Chart

Bearish signal ending 2023 preluded the first five days for SPX in 2024 being down -0.13%.



Source: BofA Global Research, Bloomberg



DXY: First five days up may mean lower at YE24

In the first five trading days of 2024, the DXY rose +0.86%. Out of the last 50 years, the DXY was up 30 times in the FFDs (Exhibit 6). When up, outcomes for the month, quarter and year are less conclusive than when the first five days were down. At best, when the first five days were up, the rest of the year was down 18 times or 60% of the time for an average loss of -7.93% (Exhibit 9). The latter supports our year ahead view that the USD weakens overall as gold appreciates (2024 FICC Technical Advantage: Flying near the hard deck 03 December 2023). So does the FFDs analysis for gold (Gold).

Exhibit 5: What do the first five trading days of the year do?

The DXY was up 30 of 50 times in the first five trading days of the year.

			First 5 days average	First 5 days median %
	Count	Ratio	% change	change
First five days up	30	60%	1.28%	0.91%
First five days down	20	40%	-0.71%	-0.58%
All years	50		0.48%	0.19%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 6: Do the first five trading days of the year determine the rest of January?

When the first five days were down, the rest of January tended to be up 60% of the time

	Count	Ratio	First 5 days average % change	Rest of January average % change
First five days up and rest of January up	16	53%	0.95%	1.84%
First five days up and rest of January down	14	47%	1.66%	-1.88%
First five days down and rest of January up	12	60%	-0.74%	2.75%
First five days down and rest of January down	ı 8	40%	-0.66%	-1.03%

Source: BofA Global Research, Bloomberg

Source: BofA Global Research, Bloomberg

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 7: Do the first five trading days of the year determine the rest of Q1?

When the first five days are down the rest of Q1 was up 65% of the time (13 of 20).

	Count	Ratio	First 5 days average % change	Rest of Q1 average % change
First five days up and rest of Q1 up	16	53%	1.03%	3.82%
First five days up and rest of Q1 down	14	47%	1.57%	-3.51%
First five days down and rest of Q1 up	13	65%	-0.86%	4.48%
First five days down and rest of Q1 down	7	35%	-0.44%	-3.57%

BofA GLOBAL RESEARCH

Exhibit 8: Do the first five trading days of the year determine the rest of the year?

When the first five days are down, the rest of the year was up 65% of the time or 13 of 20 times.

	Count	Ratio	First 5 days average % change	Rest of year average % change
First five days up and rest of year up	12	40%	1.44%	8.02%
First five days up and rest of year down	18	60%	1.18%	-7.93%
First five days down and rest of year up	13	65%	-0.62%	6.93%
First five days down and rest of year down	ı 7	35%	-0.87%	-6.86%



DXY Daily Chart

Downtrend is testing the top of a channel while a death cross looms

The downtrend in the DXY since it double-topped in Oct-Nov is testing channel resistance. Spot would need to break higher to suggest the trend may continue higher, perhaps above 102.50. A bearish moving average cross, or death cross, looms as the 50d SMA is coming down to cross below the 200d SMA. History suggests the trend is weaker 5-10 trading days later and possibly 25 trading days (Exhibit 9). A break higher might be sold near 200d SMA resistance of 103.43 for a decline to follow in late Jan-Feb.

Chart 2: DXY Daily chart

The DXY rose in the first five trading days to the top of its bear channel. A close above 102.50 could be a breakout. However a death cross signal looms, or when the 50d SMA crosses below the 200d SMA, and implies the DXY is lower in 5-10 trading days and possibly 25 trading days.



Exhibit 9: Price trend after the 50 day SMA crossed below the 200 day SMA

In the past, when the 50d SMA crossed below the 200d SMA, the DXY was lower 5 trading days later 68% of the time and 10 days 65% of the time.

	Γicker: DXY	:	Start Year:	1970	# Signals	s: 34	#	< 80 days:	1				
Days after	1 Day	2 Day	3 Day	4 Day	5 Day	6 Day	7 Day	8 Day	9 Day	10 Day	15 Day	20 Day	25 Day
% Down Ratio	56%	62%	62%	65%	68%	62%	62%	56%	59%	65%	56%	56%	65%
Up	14	13	13	12	11	13	13	15	14	12	15	15	12
<u>Dow</u> n	19	21	21	22	23	21	21	19	20	22	19	19	22
Average	-0.04%	-0.16%	-0.12%	-0.19%	-0.26%	-0.24%	-0.30%	-0.37%	-0.41%	-0.47%	-0.39%	-0.36%	-0.64%
Median	-0.05%	-0.33%	-0.14%	-0.26%	-0.31%	-0.39%	-0.47%	-0.69%	-0.83%	-0.80%	-0.40%	-0.50%	-0.90%
Min	-0.88%	-1.06%	-1.58%	-2.02%	-2.14%	-2.96%	-2.99%	-2.84%	-2.57%	-2.63%	-3.68%	-4.92%	-6.11%
Max	1.39%	1.28%	2.85%	3.15%	1.75%	2.57%	3.35%	3.07%	3.43%	4.02%	4.19%	5.27%	5.91%

Source: BofA Global Research, Bloomberg



WTI Crude Oil: A bad start is good for month and quarter

Front month WTI crude oil future declined -1.23% in the first five sessions of 2024. In the past, this has occurred 20 out of 40 times. When the first five days were down, the rest of January was up 15 times or 75% of the time for an average gain of 4.99%. The rest of Q1 was up 13 times or 65% of the time for an average gain of 10.64%.

Exhibit 10: What do the first five trading days of the year do for Crude Oil?

No pattern. The first five days of the month have been up and down 19 times each.

			First 5 days average	First 5 days median %	
	Count	Ratio	% change	change	
First five days up	20	50%	4.45%	3.84%	
First five days down	20	50%	-4.40%	-3.65%	
All years	40		0.02%	-0.04%	

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 11: Do the first five trading days of the year determine the rest of January?

When the first five days are down, the rest of January was up 75% of the time. When the first five days are up, the rest of January was down 60% of the time.

			First 5 days	Rest of January average
	Count	Ratio	average % change	% change
First five days up and rest of January up	8	40%	4.02%	6.03%
First five days up and rest of January down	12	60%	4.73%	-5.22%
First five days down and rest of January up	15	75%	-4.32%	4.99%
First five days down and rest of January down	5	25%	-4.63%	-12.56%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 12: Do the first five trading days of the year determine the rest of Q1?

When the first five days are up, the rest of Q1 is up 80% of the time. When the first five days are down the rest of Q1 is up 65% of the time.

			First 5 days	Rest of Q1 average %
	Count	Ratio	average % change	change
First five days up and rest of Q1 up	16	80%	4.53%	11.47%
First five days up and rest of Q1 down	4	20%	4.10%	-7.97%
First five days down and rest of Q1 up	13	65%	-4.87%	10.64%
First five days down and rest of Q1 down	ı 7	35%	-3.52%	-24.64%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 13: Do the first five trading days of the year determine the rest of the year?

No strong pattern, however when the first five days are up there is some tendency for an up year.

	Count	Ratio	First 5 days average % change	Rest of year average % change
First five days up and rest of year up	12	60%	5.67%	29.59%
First five days up and rest of year down	8	40%	2.61%	-20.62%
First five days down and rest of year up	11	55%	-4.61%	29.39%
First five days down and rest of year down	9	45%	-4.14%	-23.75%

Source: BofA Global Research, Bloomberg



CL1 Daily Chart

Consolidating the 4Q23 downtrend at the supportive 200wk SMA

In Sept-Nov 2023 the daily chart of CL1 formed a head and shoulders top with a downside target of \$69.60. This was reached in December and price action has turned sideways with support from the 200wk SMA. While supported above \$69.20-71.05, potential for the FFDs tendency to lead prices sideways or higher in January and Q1 remain possible.

Chart 3: WTI Crude Oil (CL1) - Daily chart

Having reached its head and shoulders target at \$69.60 last month, price is consolidation at the supportive 200wk SMA with the FFDs optimistic support holds for an up January and up Q1.



Source: BofA Global Research, Bloomberg



US 10 Year Yield: First five up means rest of Jan down

The US 10y yield rose +15bps beginning 2024 which has tended to happen about half the time over the last sixty years. Of those, the rest of January saw yield move lower 61% of the time for an average change of -18bps (Exhibit 15).

Exhibit 14: What do the first five trading days of the year do?

Over the last sixty years, the 10y yield rose 31 times and declined 29 times in the first five trading days...

	Count	Ratio	First 5 days average bps change	First 5 days median bps change
First five days up	31	52%	12	8
First five days down	29	48%	-9	-7
All years	60		2	2

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 15: Do the first five trading days of the year determine the rest of January?

When the 10Y yield rose in the first five days of January, yield tended to decline the rest of January 19 of 31 times or 61% of the time.

Count	Ratio	First 5 days average bps change	Rest of January average bps change
12	39%	13	24
19	61%	12	-18
13	45%	-7	16
16	55%	-10	-17
	12 19 13	12 39% 19 61% 13 45%	Count Ratio bps change 12 39% 13 19 61% 12 13 45% -7

Source: BofA Global Research, Bloomberg

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 16: Do the first five trading days of the year determine the rest of Q1?

When the 10Y yield rose in the first five days of January it tended to be higher the rest of Q1 19 of 31 times or 61% of the time.

	Count	Ratio	First 5 days average bps change	Rest of Q1 average bps change
First five days up and rest of Q1 up	19	61%	ops change	45
3 1			12	· -
First five days up and rest of Q1 down	12	39%	12	-51
First five days down and rest of Q1 up	16	55%	-8	37
First five days down and rest of Q1 down	12	41%	-11	-31

BofA GLOBAL RESEARCH

Exhibit 17: Do the first five trading days of the year determine the rest of the year?

The first five days of January does not appear to have much correlation with the trend for the full year.

	Count	Ratio	First 5 days average bps change	Rest of year average bps change
First five days up and rest of year up	18	58%	14	77
First five days up and rest of year down	13	42%	11	-140
First five days down and rest of year up	16	55%	-10	87
First five days down and rest of year down	13	46%	-7	-83

Source: BofA Global Research, Bloomberg RofA GLOBAL RESEARCH



8

US 10Y Yield Daily Chart

Yield is correcting the decline from Oct-Dec and can see 4.25-4.5% in Q1

We see 10Y yield correcting higher in 1Q24 to 4.25-4.50%. If the FFDs pushes yield lower into the end of January (wave B?) as the hit ratio lightly suggests can happen, our wave count suggests that holds and we may find a bottom pattern at/above 3.78% that precedes a rise to 4.25-4.5%. Overall, by yearend 2024 we think 10y yield moves lower toward such as 3.25%. (See the "Technicals" section in <u>US Rates Viewpoint: 24 charts for 2024 05 January 2024</u>)

Chart 4: US 10Y yield - daily chart

Yield is correcting the decline it say from Oct-Dec 2023 from 5.02% to 3.78%. If the FFDs cycle pushes yield lower into end of January, we may see a technical base develop that precedes a move to 4.25-4.50%. New lows in yield in Q1 would dent our view.



Source: BofA Global Research, Bloomberg



Thirteen findings in FICC subject to the first five days

Exhibit 18: Summary of first five-day findings

Strongest directional hit ratios and average trend after the first five days

Ticker	FFDs	Tendency after FFDs
S&P 500	Down -0.13%	Rest of Q1 up 59% of time (32 of 96) on avg 7.55%
DXY	Up 0.86%	Rest of year down 60% of time (18 of 30) on avg -7.93%
WTI Oil	Down -1.23%	Rest of Jan/Q1 up 15/13 of 20 times on avg 4.99%/10.64%
US 10Y Yield	Up 15 bps	Rest of Jan down 61% of time on avg -18 bps
GBPUSD	Down -0.09%	Rest of Jan up 68% of time (13 of 19) on avg +1.39%
AUDUSD	Down -1.45%	Rest of year down 67% of time (8 of 12) on avg -9.71%
USDJPY	Up 2.55%	Rest of Jan down 72% of time (13 of 18) on avg -2.12%
USDMXN	Down -0.79%	Rest of year up 67% of time (14 of 21) on avg +13.28%
USDCLP	Up 2.75%	Rest of Jan up 79% of time (11 of 14) on avg 1.93%
USDCOP	Up 0.14%	Rest of Jan/Q1 up 12/13 of 16 times on avg 2.23%/3.46%
EURJPY	Up 1.67%	Rest of Jan down 77% of time (10 of 13) on avg -2.52%
Gold	Down 1.69%	Rest of Jan/Year up 10/10 of 14 times on avg 3.52%/16.11%
Silver	Down -2.88%	Rest of Jan/Q1 up 11/9 of 12 times on avg 4.48%/13.27%
US 2y yield	Up 3 bps	Rest of Q1 up 75% of time (12 of 16) on avg 39 bps
US 30Y yield	Up 4 bps	Rest of Q1 up 76% of time (13 of 17) on avg 29 bps
Bund yield	Up 6.5 bps	Rest of Jan up 69% of time (9 of 13) on avg 11 bps
US 10Y BE	Up 2.6 bps	Rest of Q1 up 69% of time (11 of 16) on avg 27 bps

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

GBPUSD

Exhibit 19: Do the first five trading days of the year determine the rest of January?

GBPUSD first five days in 2024 was -0.09%. After the first five days were down, the rest of January was up 68% of the time or 13 of 19 times for an average change of +1.39%.

	Count	Ratio	First 5 days average % change	Rest of January average % change
First five days up and rest of January up	6	55%	1.05	1.79
First five days up and rest of January down	5	45%	1.19	-2.23
First five days down and rest of January up	13	68%	-1.00	1.39
First five days down and rest of January down	6	32%	-1.23	-2.05
Source: BofA Global Research, Bloomberg				

BofA GLOBAL RESEARCH

AUDUSD

Exhibit 20: Do the first five trading days of the year determine the rest of the year?

AUDUSD first five days in 2024 was -1.45%. After the first five days were down, the rest of the year saw AUDUSD decline 8 of 12 times or 67% of the time on average -9.71%.

	Count	Ratio	First 5 days average % change	Rest of year average % change
First five days up and rest of year up	11	61%	1.81%	10.37%
First five days up and rest of year down	7	39%	1.08%	-7.72%
First five days down and rest of year up	4	33%	-2.46%	7.42%
First five days down and rest of year down	8	67%	-1.14%	-9.71%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

USDJPY

Exhibit 21: Do the first five trading days of the year determine the rest of January?

USDJPY first five days in 2024 was +2.55%. After the first five days were up, USDJPY tended to decline the rest of January 13 of 18 times or 72% of the time by an average decline of -2.12%.

			First 5 days	Rest of January
	Count	Ratio	average % change	average % change
First five days up and rest of January up	5	28%	1.63	1.75
First five days up and rest of January down	13	72%	1.01	-2.12
First five days down and rest of January up	7	58%	-1.29	2.82
First five days down and rest of January down	5	42%	-0.91	-1.39

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH



10

USDMXN

Exhibit 22: Do the first five trading days of the year determine the rest of the year?

USDMXN first five days in 2024 was -0.79%. After the first five days were down, USDMXN was up the rest of the year 67% of the time or 14 of 21 times for an average rise of 13.28%.

			First 5 days average	Rest of year average
	Count	Ratio	% change	% change
First five days up and rest of year up	5	56%	3.81%	13.07%
First five days up and rest of year down	4	44%	1.52%	-4.86%
First five days down and rest of year up	14	67%	-0.77%	13.28%
First five days down and rest of year down	7	33%	-1.38%	-4.89%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

USDCLP

Exhibit 23: Do the first five trading days of the year determine the rest of January?

USDCLP first five days in 2024 was $\pm 2.75\%$. After the first five days were up, USDCLP tended to rise the rest of January 11 of 14 times or 79% of the time for an average of 1.93%.

	Count	Ratio	First 5 days average % change	Rest of January average % change
First five days up and rest of January up	11	79%	1.36	1.93
First five days up and rest of January down	3	21%	3.06	-2.89
First five days down and rest of January up	6	38%	-1.83	3.30
First five days down and rest of January down	10	63%	-1.44	-2.71

Source: BofA Global Research, Bloomberg

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

USDCOP

Exhibit 24: Do the first five trading days of the year determine the rest of January?

USDCOP first five days in 2024 was +0.14%. After the first five days were up, USDCOP tended to rise the rest of January 12 of 16 times or 75% of the time for an average of 2.23%.

	Count	Ratio	First 5 days average % change	Rest of January average % change
First five days up and rest of January up	12	75%	1.24	2.23
First five days up and rest of January down	4	25%	0.58	-1.46
First five days down and rest of January up	7	50%	-1.83	2.92
First five days down and rest of January down	7	50%	-1.56	-2.17
Source: BofA Global Research, Bloomberg				

BofA GLOBAL RESEARCH

Exhibit 25: Do the first five trading days of the year determine the rest of Q1?

USDCOP first five days in 2024 was +0.14%. USDCOP tended to rise the rest of Q1 13 of 16 times or 81% of the time for an average of 3.46%.

	Count	Ratio	First 5 days average % change	Rest of Q1 average % change
First five days up and rest of Q1 up	13	81%	1.01	3.46
First five days up and rest of Q1 down	3	19%	1.38	-4.46
First five days down and rest of Q1 up	5	36%	-1.76	8.54
First five days down and rest of Q1 down	9	64%	-1.66	-3.65



EURJPY

Exhibit 26: Do the first five trading days of the year determine the rest of January?

EURJPY first five days in 2024 was +1.67%. After the first five days were up, EURJPY tended to decline 10 of 13 times or 77% of the time for the rest of January.

	Count	Ratio	First 5 days average % change	Rest of January average % change
First five days up and rest of January up	3	23%	0.45	3.90
First five days up and rest of January down	10	77%	1.32	-2.52
First five days down and rest of January up	8	47%	-1.38	2.12
First five days down and rest of January dow	n 9	53%	-1.10	-2.69

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Gold

Exhibit 27: Do the first five trading days of the year determine the rest of January?

Gold first five days in 2024 was -1.69%. After the first five days were down, gold tended to be up 10 of 14 times or 71% of the rest of January on average 3.52%.

	Count	Ratio	First 5 days average % change	Rest of January average % change
First five days up and rest of January up	12	75%	2.77	3.51
First five days up and rest of January down	4	25%	1.57	-3.50
First five days down and rest of January up	10	71%	-2.44	3.52
First five days down and rest of January down	1 4	29%	-2.12	-2.23

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 28: Do the first five trading days of the year determine the rest of the year?

Gold first five days in 2024 was -1.69%. Gold was also up the rest of the year 71% of the time for an average gain of 16.11%.

	Count	Ratio	average % change	Rest of year average % change
First five days up and rest of year up	10	63%	2.90%	11.69%
First five days up and rest of year down	6	38%	1.77%	-5.35%
First five days down and rest of year up	10	71%	-2.58%	16.11%
First five days down and rest of year down	4	29%	-1.80%	-12.72%

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Silver

Exhibit 29: Do the first five trading days of the year determine the rest of January?

Silver first five days in 2024 was -2.88%. After the first five days were down, silver was up the rest of January 11 of 12 times or 92% of the time for an average gain of 4.48%.-

	Count	Ratio	First 5 days average % change	Rest of January average % change
First five days up and rest of January up	10	56%	3.33	5.33
First five days up and rest of January down	7	39%	3.19	-3.92
First five days down and rest of January up	11	92%	-3.14	4.48
First five days down and rest of January down	1	8%	-7.25	-2.09

Source: BofA Global Research, Bloomberg



Exhibit 30: Do the first five trading days of the year determine the rest of Q1?

Silver first five days in 2024 was -2.88%. By the end of Q1 silver was higher 9 of 12 times or 75% of the time for an average gain of 13.27%.

	Count	Ratio	First 5 days average % change	Rest of Q1 average % change
First five days up and rest of Q1 up	8	44%	3.34	13.27
First five days up and rest of Q1 down	10	56%	3.32	-6.07
First five days down and rest of Q1 up	9	75%	-4.08	13.27
First five days down and rest of Q1 down	3	25%	-1.70	-5.06

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

US 2Y yield

Exhibit 31: Do the first five trading days of the year determine the rest of Q1?

US 2Y yield first five days in 2024 was ± 3.05 bps. After the first five days were up, yield tended to be up the remainder of Q1 12 of 16 times of 75% of the time.

	Count	Ratio	First 5 days average bps change	Rest of Q1 average bps change
First five days up and rest of Q1 up	12	75%	6	39
First five days up and rest of Q1 down	4	25%	6	-14
First five days down and rest of Q1 up	4	29%	-11	49
First five days down and rest of Q1 down	10	71%	-14	-46

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

US 30Y yield

Exhibit 32: Do the first five trading days of the year determine the rest of Q1?

US 30Y yield first five days in 2024 was +4.3bps. After the first five days were up the rest of Q1 was up 13 of 17 times or 76% of the time for an average rise of 29 basis points.

Count	Ratio	First 5 days average bps change	Rest of Q1 average bps change
13	76%	13	29
4	24%	6	-30
6	46%	-11	19
7	54%	-9	-33
	13	13 76% 4 24% 6 46%	Count Ratio change 13 76% 13 4 24% 6 6 46% -11

Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Bunds

Exhibit 33: Do the first five trading days of the year determine the rest of January?

Bunds first five days in 2024 was +6.5 bps. When up, the rest of January was up 9 of 13 times or 69% of the time for an average gain of 11 basis points.

	Count	Ratio	average bps change	Rest of January average bps change
First five days up and rest of January up	9	69%	10	11
First five days up and rest of January down	4	31%	8	-18
First five days down and rest of January up	5	29%	-16	14
First five days down and rest of January down	12	71%	-8	-14

Source: BofA Global Research, Bloomberg



US 10Y BE

Exhibit 34: Do the first five trading days of the year determine the rest of Q1?

US 10YBE first five days in 2024 was +2.59bps. After the first five days were up, the rest of Q1 was up 11 of 16 times or 69% of the time with an average gain of 27 basis points.

	Count	Ratio	First 5 days average bps change	Rest of Q1 average bps change
First five days up and rest of Q1 up	11	69%	10	27
First five days up and rest of Q1 down	5	31%	8	-13
First five days down and rest of Q1 up	8	89%	-6	16
First five days down and rest of Q1 down	1	11%	-4	-81

Source: BofA Global Research, Bloomberg



Disclosures

Important Disclosures

Due to the nature of technical analysis, the issuers or securities recommended or discussed in this report are not continuously followed. Accordingly, investors must regard this report as providing stand-alone analysis and should not expect continuing analysis or additional reports relating to such issuers and/or securities.

BofA Global Research personnel (including the analyst(s) responsible for this report) receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking. The analyst(s) responsible for this report may also receive compensation based upon, among other factors, the overall profitability of the Bank's sales and trading businesses relating to the class of securities or financial instruments for which such analyst is responsible.

BofA Securities fixed income analysts regularly interact with sales and trading desk personnel in connection with their research, including to ascertain pricing and liquidity in the fixed income markets

Other Important Disclosures

Prices are indicative and for information purposes only. Except as otherwise stated in the report, for any recommendation in relation to an equity security, the price referenced is the publicly traded price of the security as of close of business on the day prior to the date of the report or, if the report is published during intraday trading, the price referenced is indicative of the traded price as of the date and time of the report and in relation to a debt security (including equity preferred and CDS), prices are indicative as of the date and time of the report and are from various sources including BofA Securities trading desks.

The date and time of completion of the production of any recommendation in this report shall be the date and time of dissemination of this report as recorded in the report timestamp.

This report may refer to fixed income securities or other financial instruments that may not be offered or sold in one or more states or jurisdictions, or to certain categories of investors, including retail investors. Readers of this report are advised that any discussion, recommendation or other mention of such instruments is not a solicitation or offer to transact in such instruments. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor for information relating to such instruments. Rule 144A securities may be offered or sold only to persons in the U.S. who are Qualified Institutional Buyers within the meaning of Rule 144A under the Securities Act of 1933, as amended. SECURITIES OR OTHER FINANCIAL INSTRUMENTS DISCUSSED HEREIN MAY BE RATED BELOW INVESTMENT GRADE AND SHOULD THEREFORE ONLY BE CONSIDERED FOR INCLUSION IN ACCOUNTS QUALIFIED FOR SPECULATIVE INVESTMENT.

Recipients who are not institutional investors or market professionals should seek the advice of their independent financial advisor before considering information in this report in connection with any investment decision, or for a necessary explanation of its contents.

The securities or other financial instruments discussed in this report may be traded over-the-counter. Retail sales and/or distribution of this report may be made only in states where these instruments are exempt from registration or have been qualified for sale.

Officers of BofAS or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments.

This report, and the securities or other financial instruments discussed herein, may not be eligible for distribution or sale in all countries or to certain categories of investors, including retail investors

Refer to BofA Global Research policies relating to conflicts of interest

BofA Securities' includes BofA Securities, Inc. ('BofAS') and its affiliates. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor if they have questions concerning this report or concerning the appropriateness of any investment idea described herein for such investor. 'BofA Securities' is a global brand for BofA Global Research.

Information relating to Non-US affiliates of BofA Securities and Distribution of Affiliate Research Reports:

BofAS and/or Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") may in the future distribute, information of the following non-US affiliates in the US (short name: legal name, regulator): Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd., regulated by The Financial Service Board; MLI (UK): Merrill Lynch International, regulated by the Financial Conduct Authority (FCA) and the Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudential et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers (AMF). BofA Securities Europe SA ("BofASE") with registered address at 51, rue La Boétie, 75008 Paris is registered under no 842 602 690 RCS Paris. In accordance with the provisions of French Code Monétaire et Financier (Monetary and Financial Code), BofASE is an établissement de crédit et d'investissement (credit and investment institution) that is authorised and supervised by the European Central Bank and the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers. BofASE's share capital can be found at www.bofaml.com/BofASEdisclaimer; BofA Europe (Milan): Bank of America Europe Designated Activity Company, Milan Branch, regulated by the Bank of Italy, the European Central Bank (ECB) and the Central Bank of Ireland (CBI); BofA Europe (Frankfurt): Bank of America Europe Designated Activity Company, Frankfurt Branch regulated by BaFin, the ECB and the CBI, BofA Europe (Madrid): Bank of America Europe Designated Activity Company, Sucursal en España, regulated by the Bank of Spain, the ECB and the CBI; Merrill Lynch (Australia): Merrill Lynch (Equities (Australia) Limited, regulated by the Australian Securities and Investments Commission; Merrill Lynch (Hong Kong): Merrill Lynch (Asia Pacific) Limited, regulated by the Hong Kong Securities and Futures Commission (HKSFC); Merrill Lynch (Singapore): Merrill Lynch (Singapore) Pte Ltd, regulated by the Monetary Authority of Singapore (MAS); Merrill Lynch (Canada): Merrill Lynch Canada Inc, regulated by the Canadian Investment Regulatory Organization; Merrill Lynch (Mexico): Merrill Lynch Mexico, SA de CV, Casa de Bolsa, regulated by the Comisión Nacional Bancaría y de Valores; Merrill Lynch (Argentina): Merrill Lynch Argentina SA, regulated by Comisión Nacional de Valores; BofAS Japan: BofA Securities Japan Co., Ltd., regulated by the Financial Services Agency; Merrill Lynch (Seoul): Merrill Lynch International, LLC Seoul Branch, regulated by the Financial Supervisory Service; Merrill Lynch (Taiwan): Merrill Lynch Securities (Taiwan) Ltd., regulated by the Securities and Futures Bureau; BofAS India: BofA Securities India Limited, regulated by the Securities and Exchange Board of India (SEBI); Merrill Lynch (Israel): Merrill Lynch Israel Limited, regulated by Israel Securities Authority; Merrill Lynch (DIFC): Merrill Lynch International (DIFC Branch), regulated by the Dubai Financial Services Authority (DFSA); Merrill Lynch (Brazil): Merrill Lynch S.A. Corretora de Títulos e Valores Mobiliários, regulated by Comissão de Valores Mobiliários; Merrill Lynch KSA Company: Merrill Lynch Kingdom of Saudi Arabia Company, regulated by the Capital Market Authority.

This information: has been approved for publication and is distributed in the United Kingdom (UK) to professional clients and eligible counterparties (as each is defined in the rules of the FCA and the PRA) by MLI (UK), which is authorized by the PRA and regulated by the FCA and the PRA - details about the extent of our regulation by the FCA and PRA are available from us on request; has been approved for publication and is distributed in the European Economic Area (EEA) by BofASE (France), which is authorized by the ACPR and regulated by the ACPR and the AMF; has been considered and distributed in Japan by BofAS Japan, a registered securities dealer under the Financial Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Hong Kong by Merrill Lynch (Hong Kong) which is regulated by HKSFC; is issued and distributed in Taiwan by Merrill Lynch (Taiwan); is issued and distributed in India by BofAS India; and is issued and distributed in Singapore to institutional investors and/or accredited investors (each as defined under the Financial Advisers Regulations) by Merrill Lynch (Singapore) (Company Registration No 198602883D). Merrill Lynch (Singapore) is regulated by MAS. Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distributes this information in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of Bank of America N.A., Australia Branch, neither MLEA nor any of



its affiliates involved in preparing this information is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation Authority. No approval is required for publication or distribution of this information in Brazil and its local distribution is by Merrill Lynch (Brazil) in accordance with applicable regulations. Merrill Lynch (DIFC) is authorized and regulated by the DFSA. Information prepared and issued by Merrill Lynch (DIFC) is done so in accordance with the requirements of the DFSA conduct of business rules. BofA Europe (Frankfurt) distributes this information in Germany and is regulated by BaFin, the ECB and the CBI. BofA Securities entities, including BofA Europe and BofASE (France), may outsource/delegate the marketing and/or provision of certain research services or aspects of research services to other branches or members of the BofA Securities group. You may be contacted by a different BofA Securities entity acting for and on behalf of your service provider where permitted by applicable law. This does not change your service provider. Please refer to the Electronic Communications Disclaimers for further information.

This information has been prepared and issued by BofAS and/or one or more of its non-US affiliates. The author(s) of this information may not be licensed to carry on regulated activities in your jurisdiction and, if not licensed, do not hold themselves out as being able to do so. BofAS and/or MLPF&S is the distributor of this information in the US and accepts full responsibility for information distributed to BofAS and/or MLPF&S clients in the US by its non-US affiliates. Any US person receiving this information and wishing to effect any transaction in any security discussed herein should do so through BofAS and/or MLPF&S and not such foreign affiliates. Hong Kong recipients of this information should contact Merrill Lynch (Asia Pacific) Limited in respect of any matters relating to dealing in securities or provision of specific advice on securities or any other matters arising from, or in connection with, this information. Singapore recipients of this information should contact Merrill Lynch (Singapore) Pte Ltd in respect of any matters arising from, or in connection with, this information. For clients that are not accredited investors, expert investors or institutional investors Merrill Lynch (Singapore) Pte Ltd accepts full responsibility for the contents of this information distributed to such clients in Singapore.

General Investment Related Disclosures:

Taiwan Readers: Neither the information nor any opinion expressed herein constitutes an offer or a solicitation of an offer to transact in any securities or other financial instrument. No part of this report may be used or reproduced or quoted in any manner whatsoever in Taiwan by the press or any other person without the express written consent of BofA Securities. This document provides general information only, and has been prepared for, and is intended for general distribution to, BofA Securities clients. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This document is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of, and is not directed to, any specific person(s). This document and its content do not constitute, and should not be considered to constitute investment advice for purposes of ERISA, the US tax code, the Investment Advisers Act or otherwise. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this document and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this document.

Securities and other financial instruments referred to herein, or recommended, offered or sold by BofA Securities, are not insured by the Federal Deposit Insurance Corporation and are not deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. Digital assets are extremely speculative, volatile and are largely unregulated. In some cases, securities and other financial instruments may be difficult to value or sell and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

Futures and options are not appropriate for all investors. Such financial instruments may expire worthless. Before investing in futures or options, clients must receive the appropriate risk disclosure documents. Investment strategies explained in this report may not be appropriate at all times. Costs of such strategies do not include commission or margin expenses. BofA Securities is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

This report may contain a trading idea or recommendation which highlights a specific identified near-term catalyst or event impacting a security, issuer, industry sector or the market generally that presents a transaction opportunity, but does not have any impact on the analyst's particular "Overweight" or "Underweight" rating (which is based on a three month trade horizon). Trading ideas and recommendations may differ directionally from the analyst's rating on a security or issuer because they reflect the impact of a near-term catalyst or event.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned in this report. Investors in such securities and instruments effectively assume currency risk.

BofAS or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. BofAS or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Securities, through business units other than BofA Global Research, may have issued and may in the future issue trading ideas or recommendations that are inconsistent with, and reach different conclusions from, the information presented herein. Such ideas or recommendations may reflect different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Securities is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this information. In the event that the recipient received this information pursuant to a contract between the recipient and BofAS for the provision of research services for a separate fee, and in connection therewith BofAS may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom BofAS has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by BofAS). If such recipient uses the services of BofAS in connection with the sale or purchase of a security referred to herein, BofAS may act as principal for its own account or as agent for another person. BofAS is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities referred to herein.

Copyright and General Information:

Copyright 2024 Bank of America Corporation. All rights reserved. iQdatabase® is a registered service mark of Bank of America Corporation. This information is prepared for the use of BofA Securities clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Securities. BofA Global Research information is distributed simultaneously to internal and client websites and other portals by BofA Securities and is not publicly-available material. Any unauthorized use or disclosure is prohibited. Receipt and review of this information constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained herein (including any investment recommendations, estimates or price targets) without first obtaining express permission from an authorized officer of BofA Securities. Materials prepared by BofA Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Securities, including investment banking personnel. BofA Securities has established information barriers between BofA Global Research and certain business groups. As a result, BofA Securities does not disclose certain client relationships with, or compensation received from, such issuers. To the extent this material discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this material. BofA Global Research personnel's knowledge of legal proceedings in which any BofA Securities entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving issuers mentioned in this material is based on public inform

This information has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any issuer of any securities. None of BofAS any of its affiliates or their research analysts has any authority whatsoever to make any representation or warranty on behalf of the issuer(s). BofA Global Research policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Securities and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This information may contain links to third-party websites. BofA Securities is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this information and is not incorporated by reference. The inclusion of a link does not imply any endorsement by or any affiliation with BofA Securities. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information



to them. BofA Securities is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

All opinions, projections and estimates constitute the judgment of the author as of the date of publication and are subject to change without notice. Prices also are subject to change without notice. BofA Securities is under no obligation to update this information and BofA Securities ability to publish information on the subject issuer(s) in the future is subject to applicable quiet periods. You should therefore assume that BofA Securities will not update any fact, circumstance or opinion contained herein.

Certain outstanding reports or investment opinions relating to securities, financial instruments and/or issuers may no longer be current. Always refer to the most recent research report relating to an issuer prior to making an investment decision.

In some cases, an issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with BofAS or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies.

Neither BofA Securities nor any officer or employee of BofA Securities accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this information.

