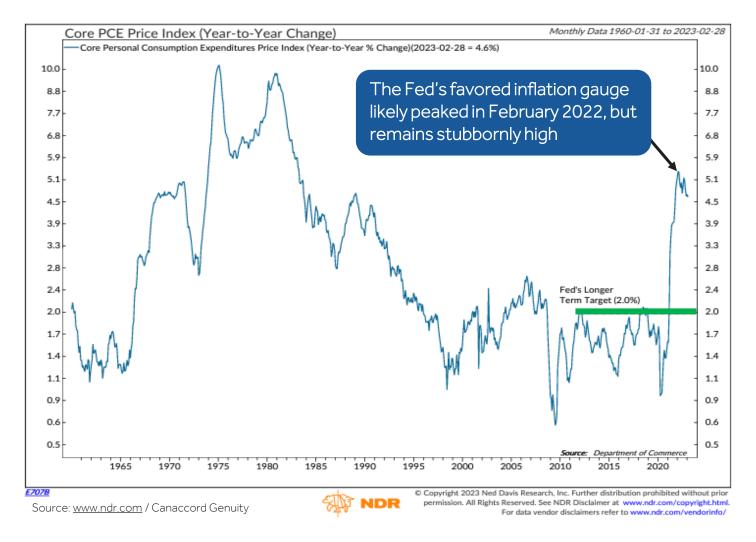
Core Fundamental Thesis Remains Challenged

- 1. <u>Over time, the market correlates to the direction of EPS Still expected to decline further</u>
- 2. EPS is driven by the direction of economic activity Foresee late 2023 recession
- 3. Economic activity is produced by money availability Remains historically weak
- 4. <u>Money availability is driven by Fed policy Already too tight</u>

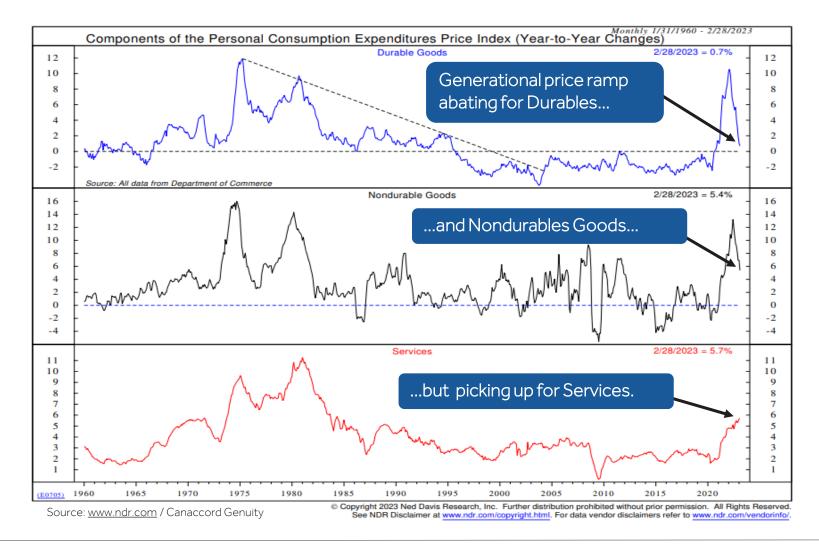
1

5. <u>Fed policy is driven by inflation and employment – Market hoping for disinflation and full</u> <u>employment. Highly unlikely to get both.</u>

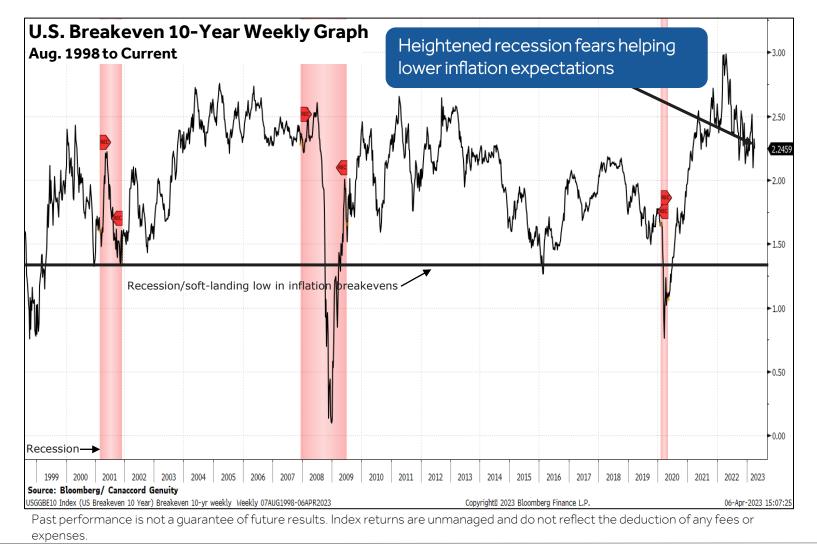
Inflation Outlook – Core PCE Peaked But Stubbornly High



Inflation Outlook – Goods Inflation Driver Of Powell's "Disinflation"



Inflation Outlook – Long-term Inflation Expectations "Anchored"

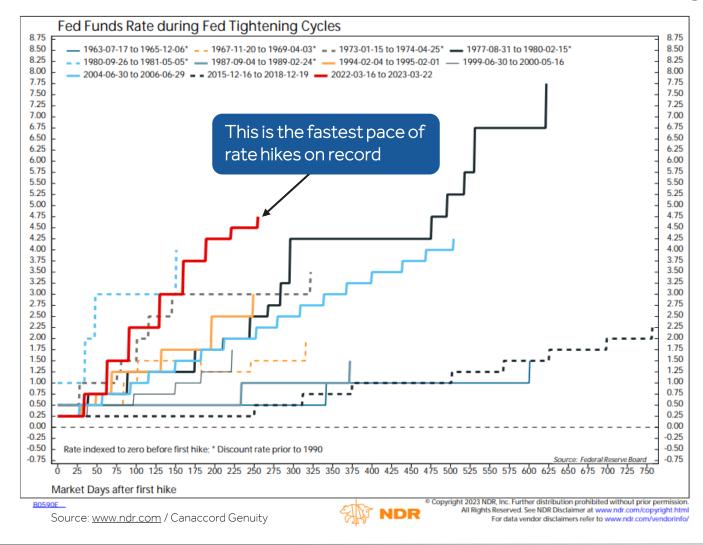


Credit Outlook – The Fed Hikes Have Broken Long-Term Downtrend...

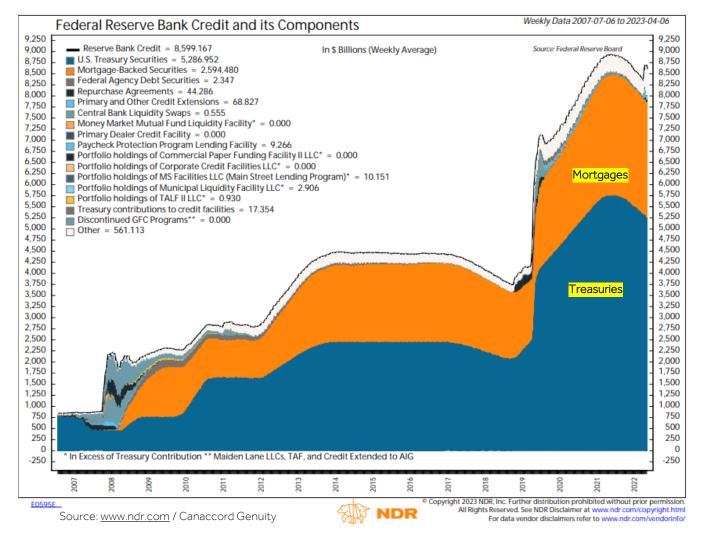
The Fed is at tail end of tightening cycle that has broken the long-term downtrend. We continue to believe it is a bad idea to spike rates into a generationally levered system



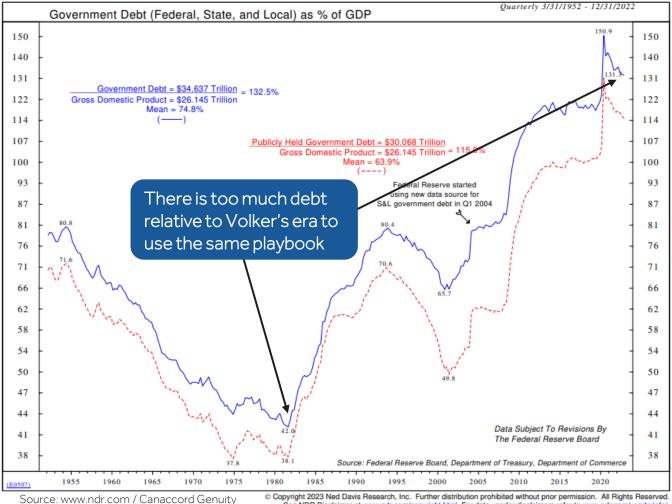
Credit Outlook – ... As Fed Raises Rates In A Historic Way...



Credit Outlook – ...While Continuing To Reduce Balance Sheet ...

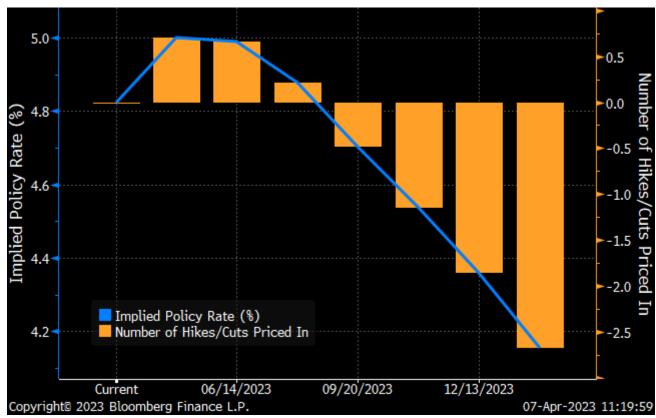


Credit Outlook – ... Into A Generationally Levered System



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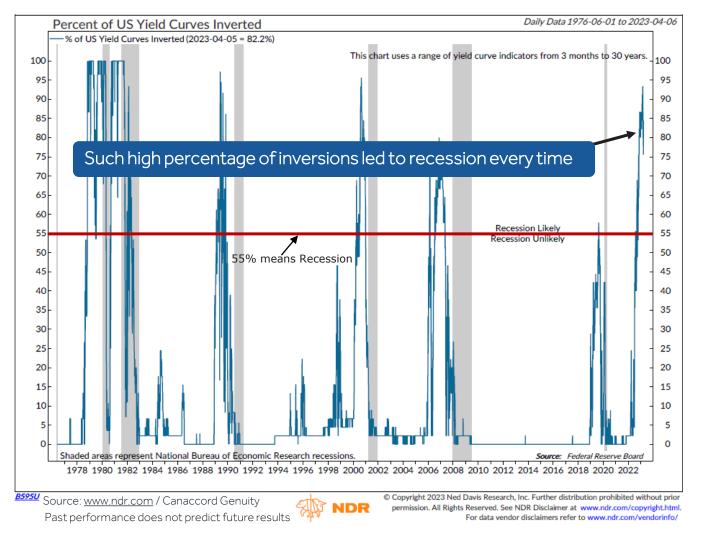
Credit Outlook – The Market Reflecting Sharp Cuts On Recession Fear



Market now pricing in cuts in September

Source: Bloomberg / Canaccord

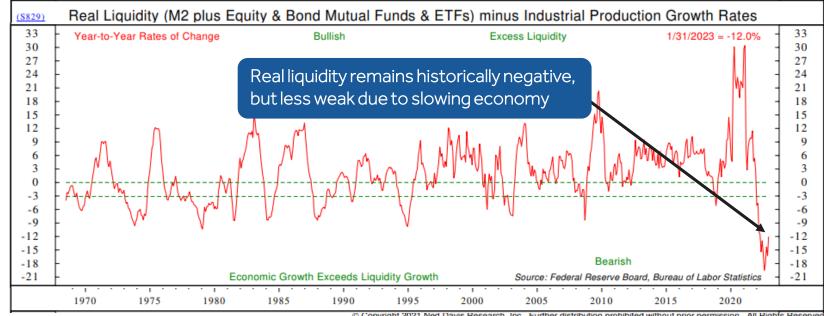
Recession Outlook – Yield Curve Inversions Signaling 2023 Recession



Credit Outlook – Money Supply (M2) Historically Negative



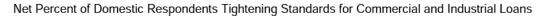
Credit Outlook – Real Liquidity Historically Weak With M2 & Markets

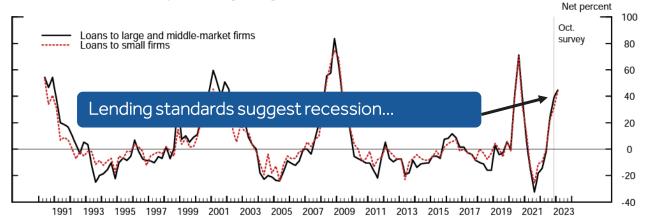


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Source: <u>www.ndr.com</u> / Canaccord Genuity

Credit Outlook – C& I Bank Lending Standards Recessionary Before SVB

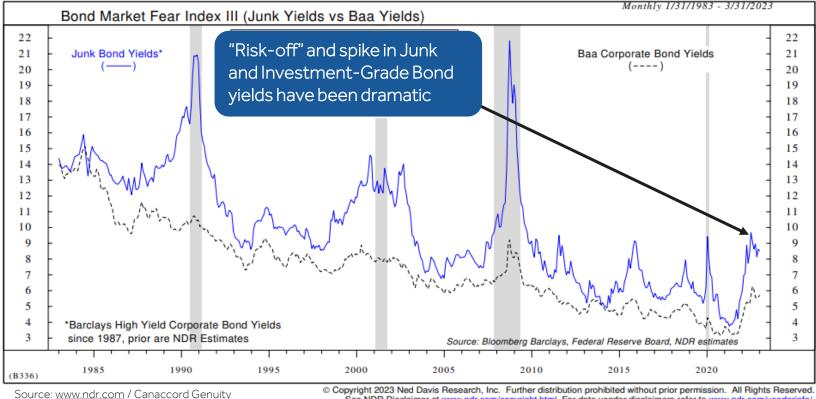




Net Percent of Domestic Respondents Reporting Stronger Demand for Commercial and Industrial Loans



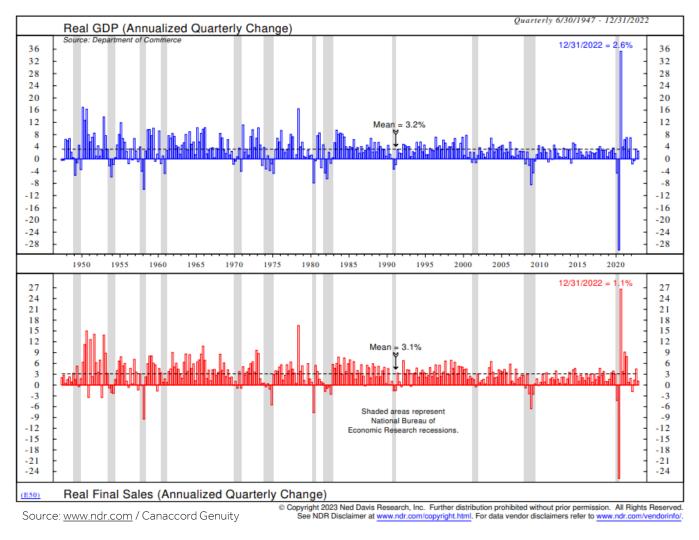
Credit Outlook – Corporate Credit Yields Remain Elevated



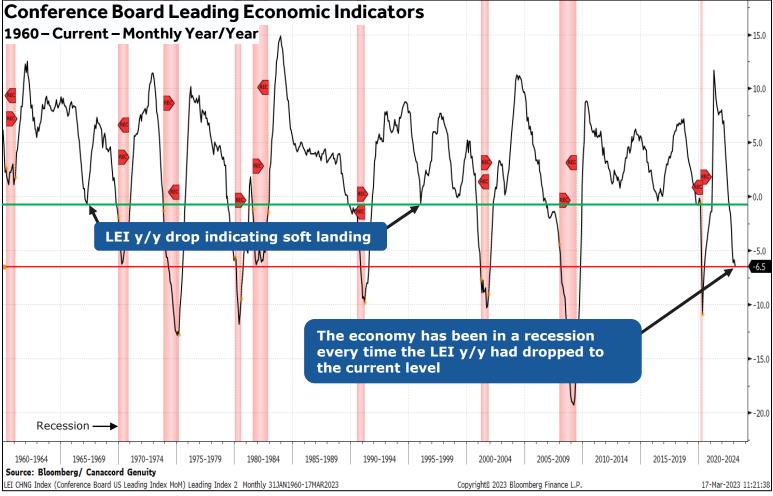
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Past performance does not predict future results

Economic Outlook – Expect GDP Growth To Fade In 2nd Half 2023

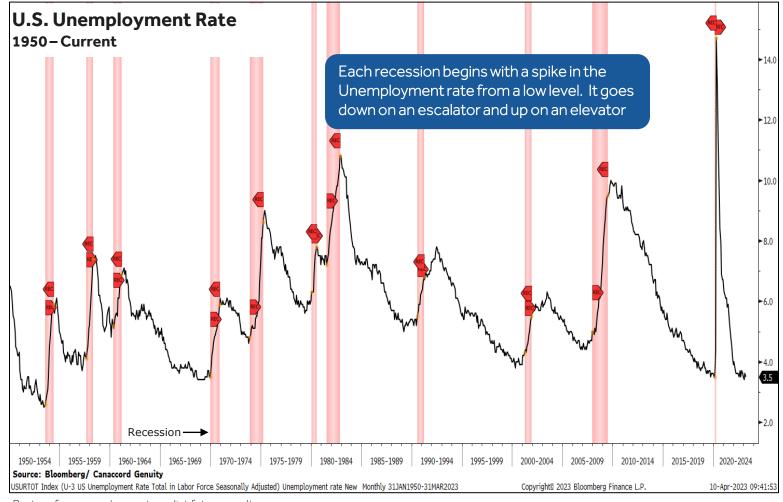


Economic Outlook – Leading Economic Indicators Signaling 2023 Recession



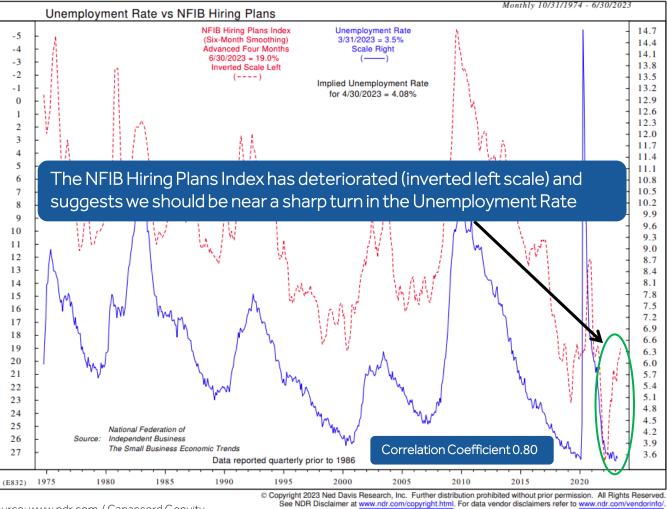
Past performance does not predict future results

Economic Outlook – The Unemployment Rate Still Near Historic Low...



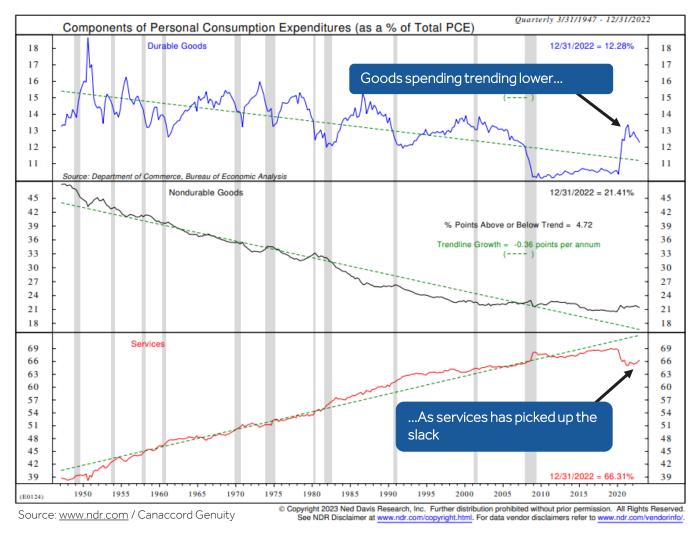
Past performance does not predict future results

Economic Outlook – ...But NFIB Hiring Plans Suggest A Turn Ahead...

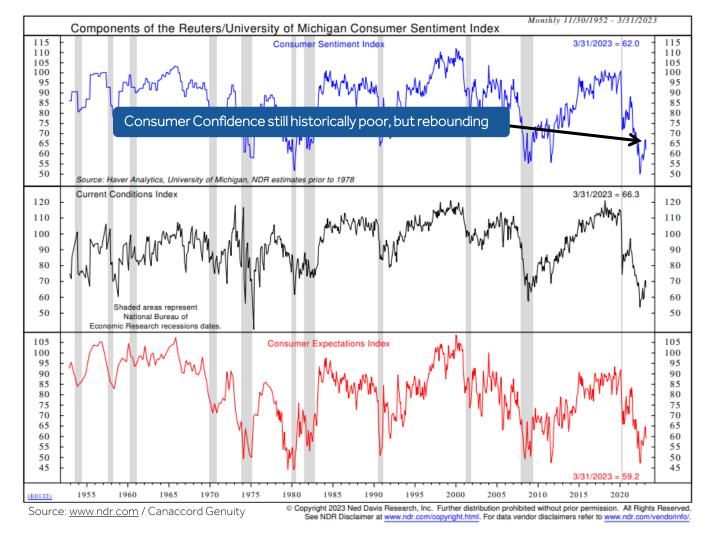


Source: www.ndr.com / Canaccord Genuity

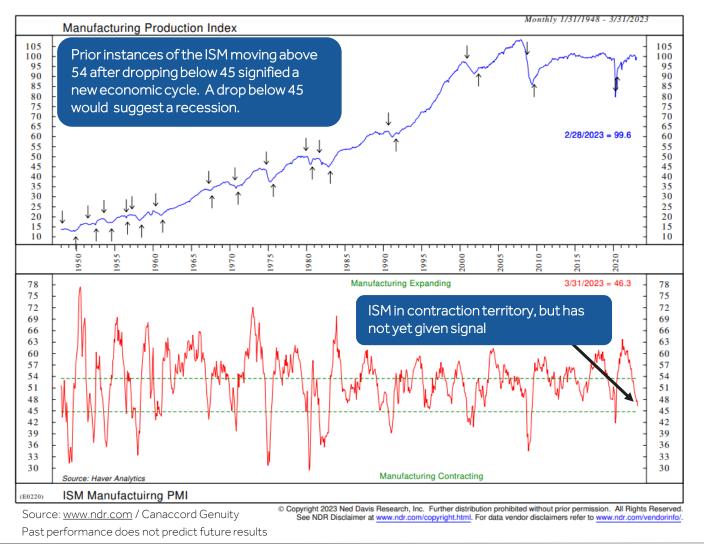
Economic Outlook – ...Which Could Stall Services Spending Bounce...



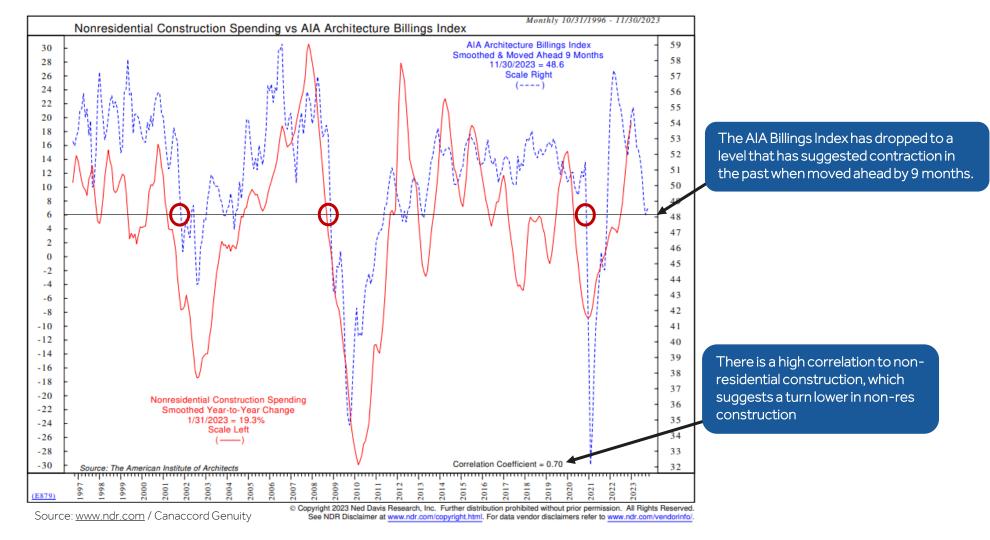
Economic Outlook – ... And Impact Early Rise In Consumer Confidence



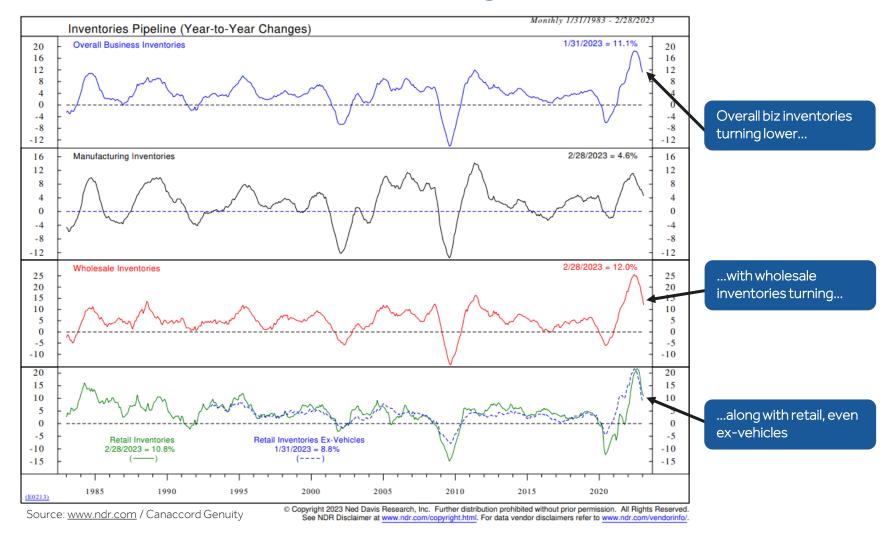
Economic Outlook – ISM Manufacturing Survey Remains In Contraction



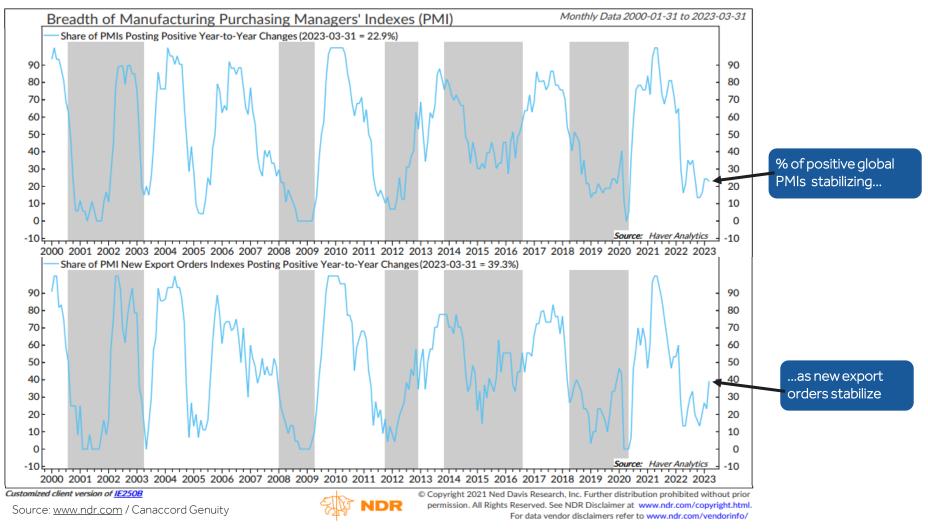
Economic Outlook – Non-Res Construction Likely To Contract



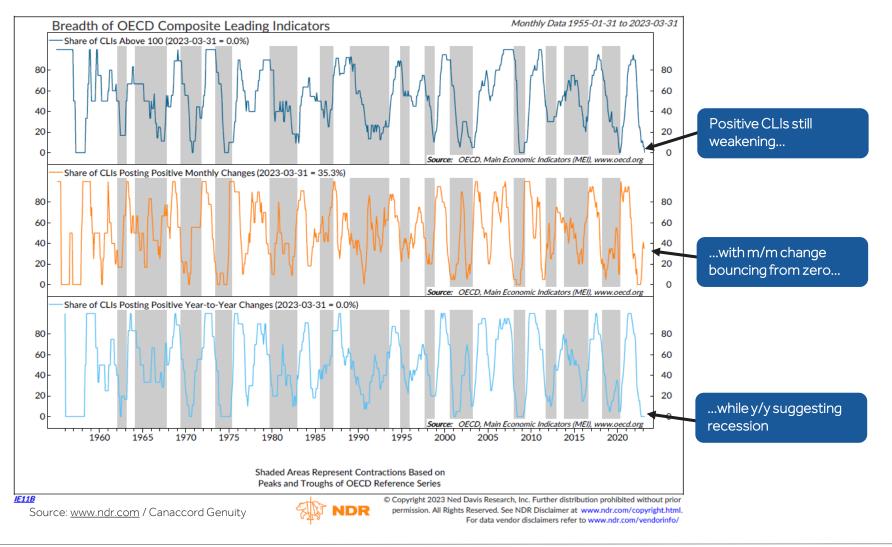
Economic Outlook – Inventories Weakening After Historic Build



Economic Outlook – Global PMIs Stabilization From Weak Levels



Economic Outlook – OECD Data Reinforces Weak Global Outlook



Earnings Outlook – Consensus SPX EPS Should Prove Too Optimistic



Source: I/B/E/S data from Refinitiv

Earnings Outlook – Our 2023 SPX EPS Est. Remains Below Consensus

QUARTERLY REPORTED RESULTS AND FUTURE EXPECTATIONS

Year	1Q	2Q	3Q	4Q	CY
2009	12.83	16.03	16.36	16.80	60.80
2010	19.71	21.48	21.75	22.55	85.28
2011	23.50	24.14	25.65	24.55	97.82
2012	25.60	25.84	26.00	26.32	103.80
2013	26.74	27.40	27.63	28.62	109.68
2014	28.18	30.07	30.04	30.54	118.78
2015	28.60	30.09	29.99	29.52	117.46
2016	26.96	29.61	31.21	31.30	118.10
2017	30.90	32.58	33.45	36.02	132.00
2018	38.07	41.00	42.66	41.18	161.93
2019	39.15	41.31	42.14	41.98	162.93
2020	33.13	27.98	38.69	42.58	139.72
2021	49.13	52.58	53.72	53.95	208.12
2022	54.80	57.62	56.02	53.15	218.09
2023	50.63	54.13	56.84	58.32	219.83
2024	57.34	60.49	63.32	65.54	246.83
2025					275.27

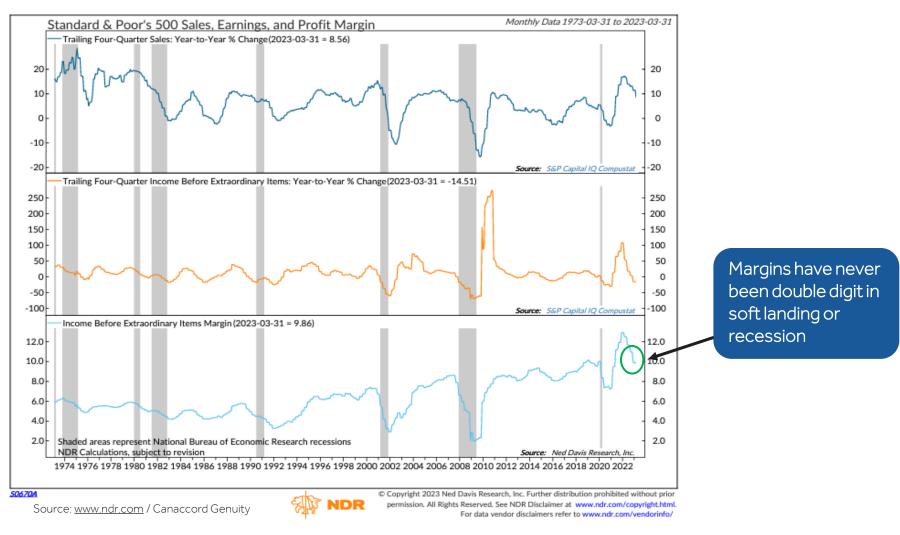
Industry Analyst Estimates - S&P 500 Bottom Up (\$/share)

Our 2023 SPX Operating EPS est. of \$210 is currently well below consensus expectations

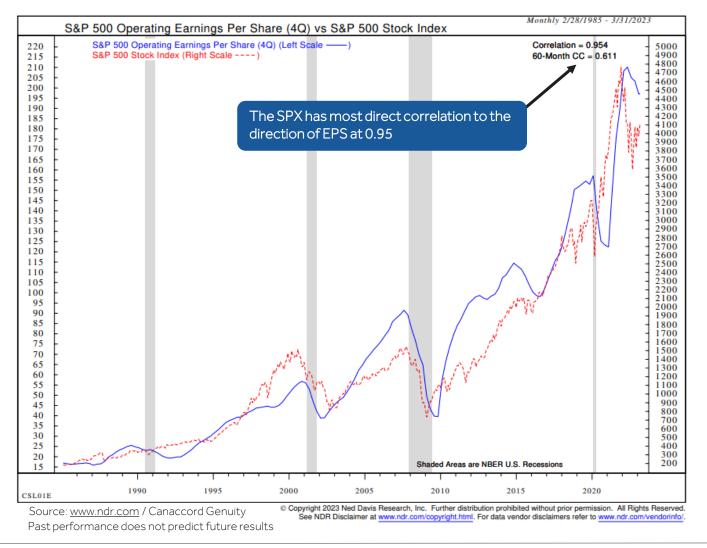
Source: I/B/E/S data from Refinitiv

Past performance does not predict future results

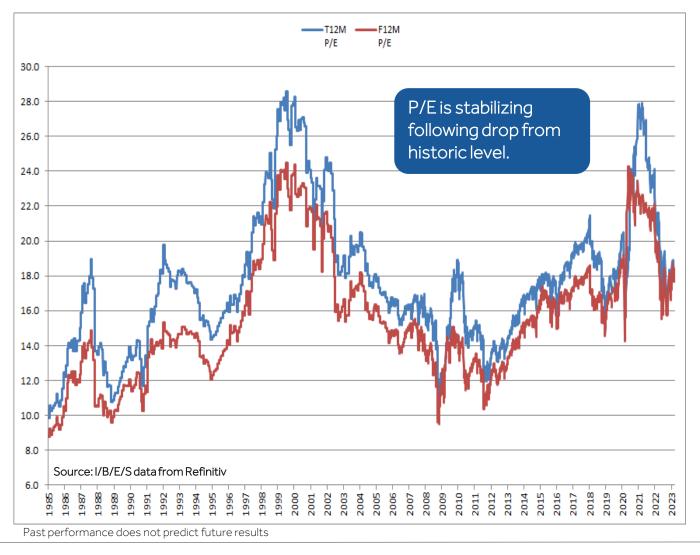
Earnings Outlook – Recession May Suggest Much Lower Margins



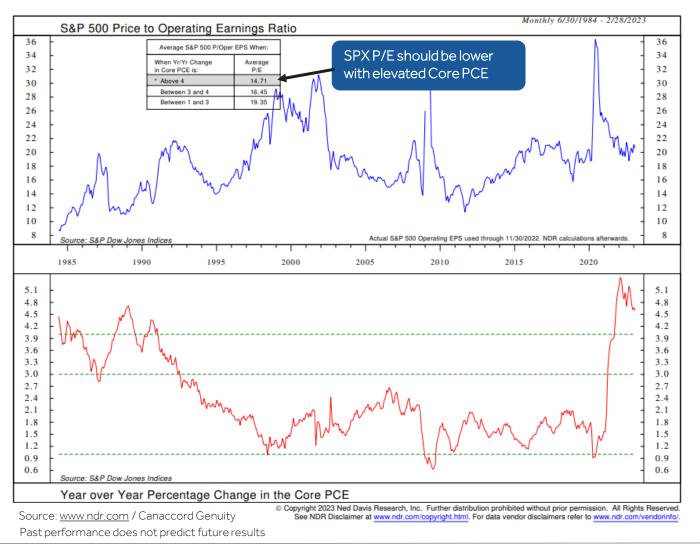
Earnings Outlook – The SPX Correlates to DIRECTION of EPS



Valuation Outlook – What P/E Is Appropriate?



Earnings Outlook – The SPX P/E Driven By Core PCE That Is Elevated



Tactical Outlook – Our Key Tactical Indicators Are In No-Man's Land

- 1. If there is a recession, it would be historically unique for the SPX to have already bottomed (or put in the low)
- 2. <u>The initial Fed rate cut may not be a buy signal</u>
- 3. The SPX continues to be top-heavy, driven by Nasdaq
- 4. <u>The Russell 2000 relative performance back near the Pandemic low</u>
- 5. <u>Our most sensitive tactical indicator hit overbought</u>
- 6. Our intermediate-term tactical indicators are neutral

Market Outlook – "The" Low Happens During Recession

U.S Recessions			SPX Low		SPX Low in	Weeks from
Start	Trough	# of Mths	Date	SPX	Recession?	Start to Low
8/30/1957	4/30/1958	8	10/22/57	38.98	Yes	8
4/29/1960	2/28/1961	10	10/25/60	52.3	Yes	26
12/31/1969	11/30/1970	11	5/26/70	69.29	Yes	21
11/30/1973	3/31/1975	16	10/3/74	62.28	Yes	44
1/31/1980	7/31/1980	6	3/27/80	98.22	Yes	8
7/31/1981	11/30/1982	16	8/12/82	102.42	Yes	54
7/31/1990	3/31/1991	8	10/11/90	295.46	Yes	10
3/31/2001	11/30/2001	8	10/9/02	776.76	After	79
12/31/2007	6/30/2009	18	3/9/09	676.53	Yes	62
2/29/2020	4/30/2020	2	3/23/20	2237.4	Yes	3

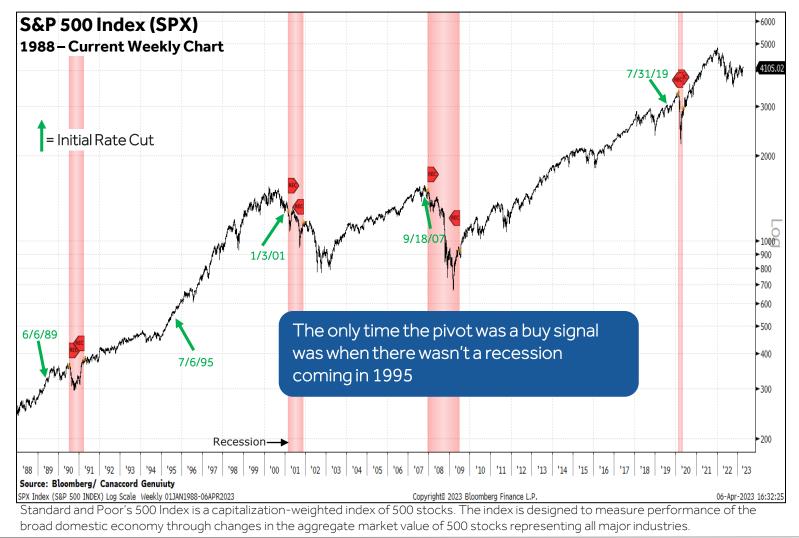
The market has never bottomed BEFORE a recession

Source: Bloomberg/ nber.org

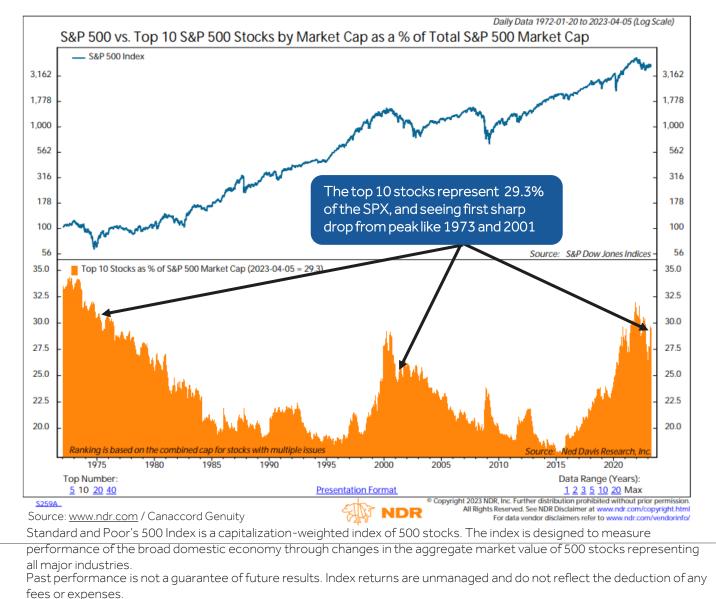
Median 23.5

Standard and Poor's 500 Index is a capitalization-weighted index of 500 stocks. The index is designed to measure performance of the broad domestic economy through changes in the aggregate market value of 500 stocks representing all major industries.

Market Outlook - In Levered Era, Pivot Not A Pre-Recession Buy Signal

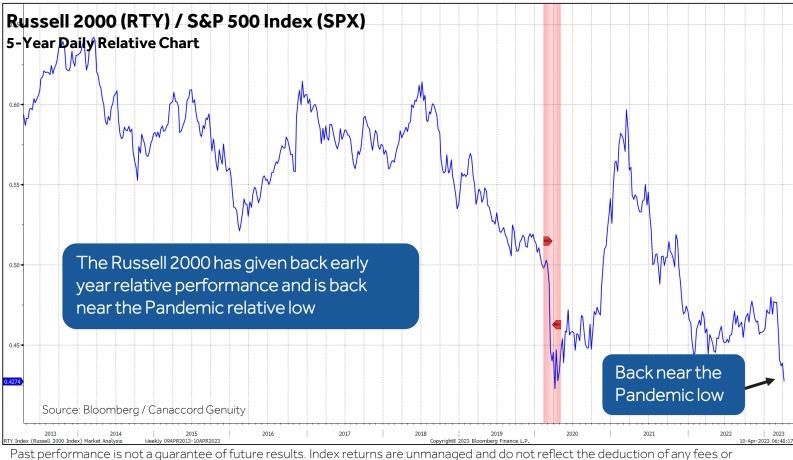


Tactical Outlook – SPX Still Too Top Heavy, Pressuring Indices

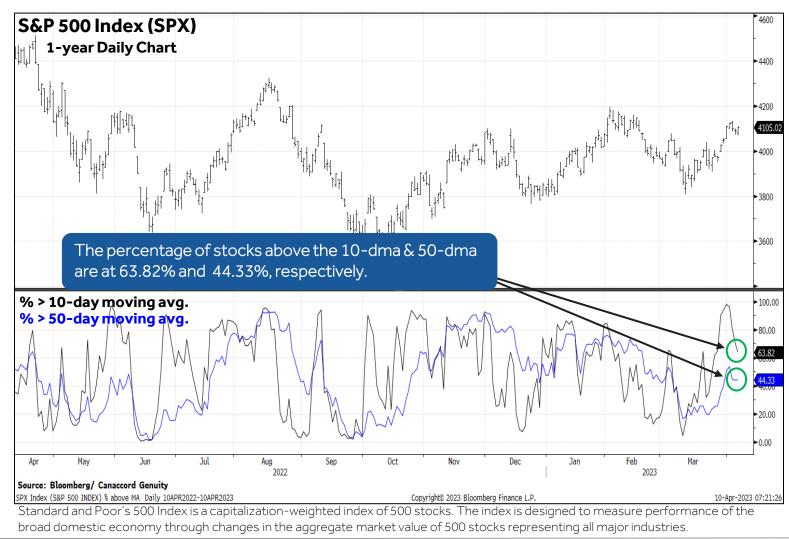


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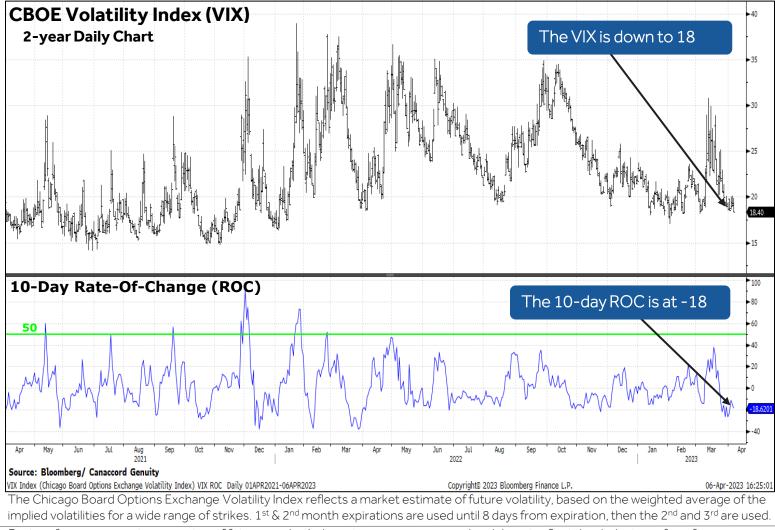
Tactical Outlook – Russell 2K Relative Performance VERY Weak



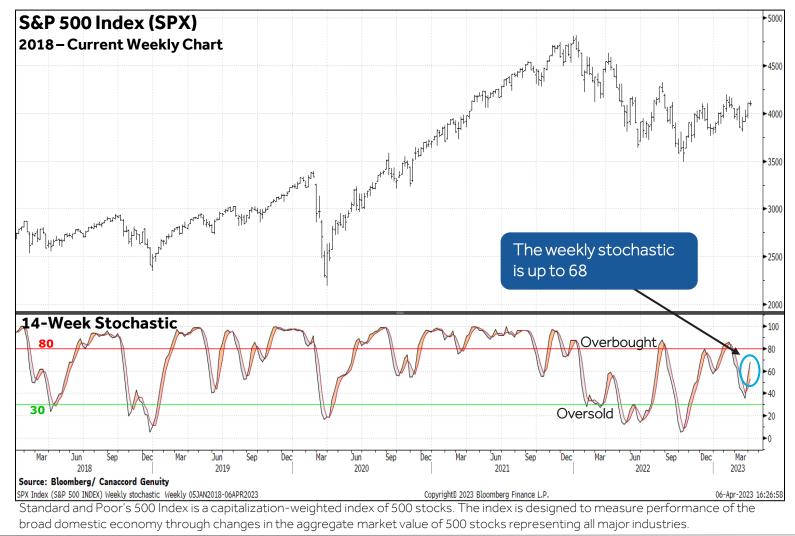
Tactical Outlook – Percent Above 10-Day Hit Extreme Overbought



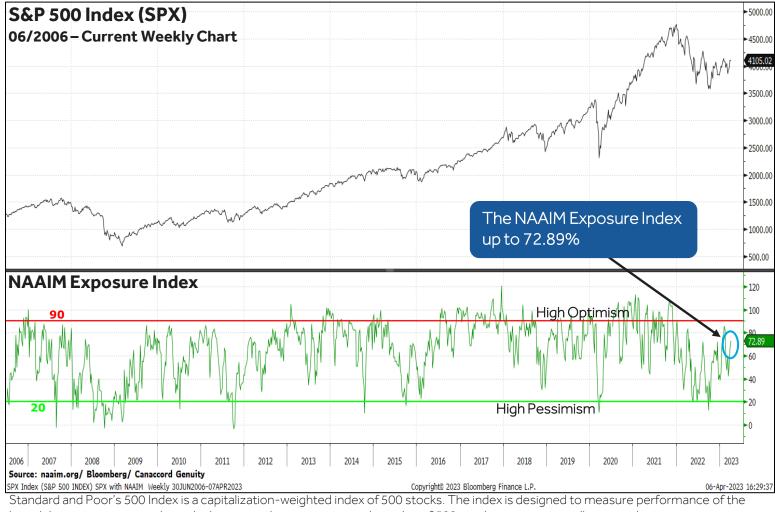
Tactical Outlook – Volatility Is Reversing After Spike



Tactical Outlook – Weekly Stochastic Hooked Higher



Tactical Outlook – NAAIM Exposure Index Is Neutral



broad domestic economy through changes in the aggregate market value of 500 stocks representing all major industries.

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Investment Recommendation

Date and time of first dissemination: April 10, 2023, 2:00 p.m. ET

Date and time of production: April 10, 2023, 11:00 am ET

Distribution of Ratings

Global Stock Ratings (as of 04/10/23)

Rating	Coverag	IB Clients	
	#	%	%
Buy	600	64.17%	22.50%
Hold	150	16.04%	9.33%
Sell	16	1.71%	0.00%
Speculative Buy	156	16.68%	43.59%
	935*	100.0%	

*Total includes stocks that are Under Review

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