



Sage Mountain 2023 Market Update & 2024 Outlook

ALWAYS LOOKING AHEAD

Disclosures

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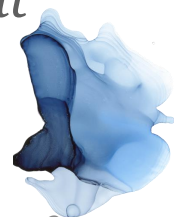
KEY THEMES

Returns are inherently unpredictable, especially over short time periods.

Extend fixed income duration while continuing to hold some short duration bonds for near term cash needs.

Stay invested at your target weight in equities and continue to overweight US. Don't chase short term trends.

Allocate to alternatives to increase diversification and provide additional potential sources of return. We are currently focused on opportunities in private credit, but remain open to strategies that could benefit as interest rates fall.



2023 RECOMMENDATIONS IN HINDSIGHT

FIXED INCOME

Recommendations included remaining overweight shorter duration while considering selectively adding duration due to higher interest rates and elevated recession risk

2023 highlights included the Janus Henderson AAA CLO ETF return of +8.6%, Cliffwater Corporate Lending Fund +12.7%, and Principal Street Short Duration Municipal Bond +4.3% (equivalent to about a 7.2% taxable return assuming a 40.8% tax rate).

In early November with the 10-year Treasury yield near 5%, we recommended clients extend duration to lock in yields for longer. The recommendation came near the recent peak in rates, but it could have been beneficial to start that move sooner as rates dropped significantly shortly afterwards.

EQUITIES

Recommendations included staying invested, maintaining a 4:1 overweight of US vs. international equities and favoring quality as a factor tilt.

Simply staying invested turned out to be the most important as global equities returned +22.2%. Our overweight to the US was beneficial as the S&P 500 returned +26.3% while the MSCI EAFE returned +18.2% on an unhedged basis and +16.2% currency hedged.

While we expected a larger boost to unhedged international returns from a weaker US dollar, it ended up being modest as the dollar index only declined -2.1%.

The quality factor was mostly neutral. We have implemented that tilt in the US via the JP Morgan US Quality Factor ETF which returned +25.1% and the iShares MSCI USA Quality Factor ETF which earned +30.8% due to its relative bias to growth stocks. On the international side, the iShares MSCI International Quality Factor ETF marginally outperformed the MSCI EAFE returning +18.5%.

ALTERNATIVES

We recommended continuing to add to alternatives to diversify risk and drive growth. We cautioned that higher debt costs could dampen near term returns in private real estate, but still believed in the long-term fundamentals for housing, industrial, and medical office. We also recommended diversified venture capital funds with fresh capital to deploy at attractive valuations, as well as secondaries funds across asset classes.

In hindsight, in a year like 2023 alternatives generally detracted from returns relative to equities which will almost always be the case when equity markets are nearly +30%.

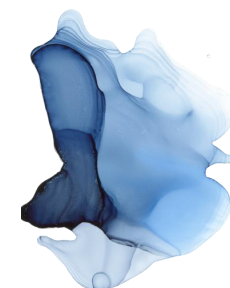
We added secondaries exposure to funds focused on credit, real estate, and venture capital.

Within primary market real estate, we leaned towards credit, while also making a sizeable co-investment in a veterinary office development project.

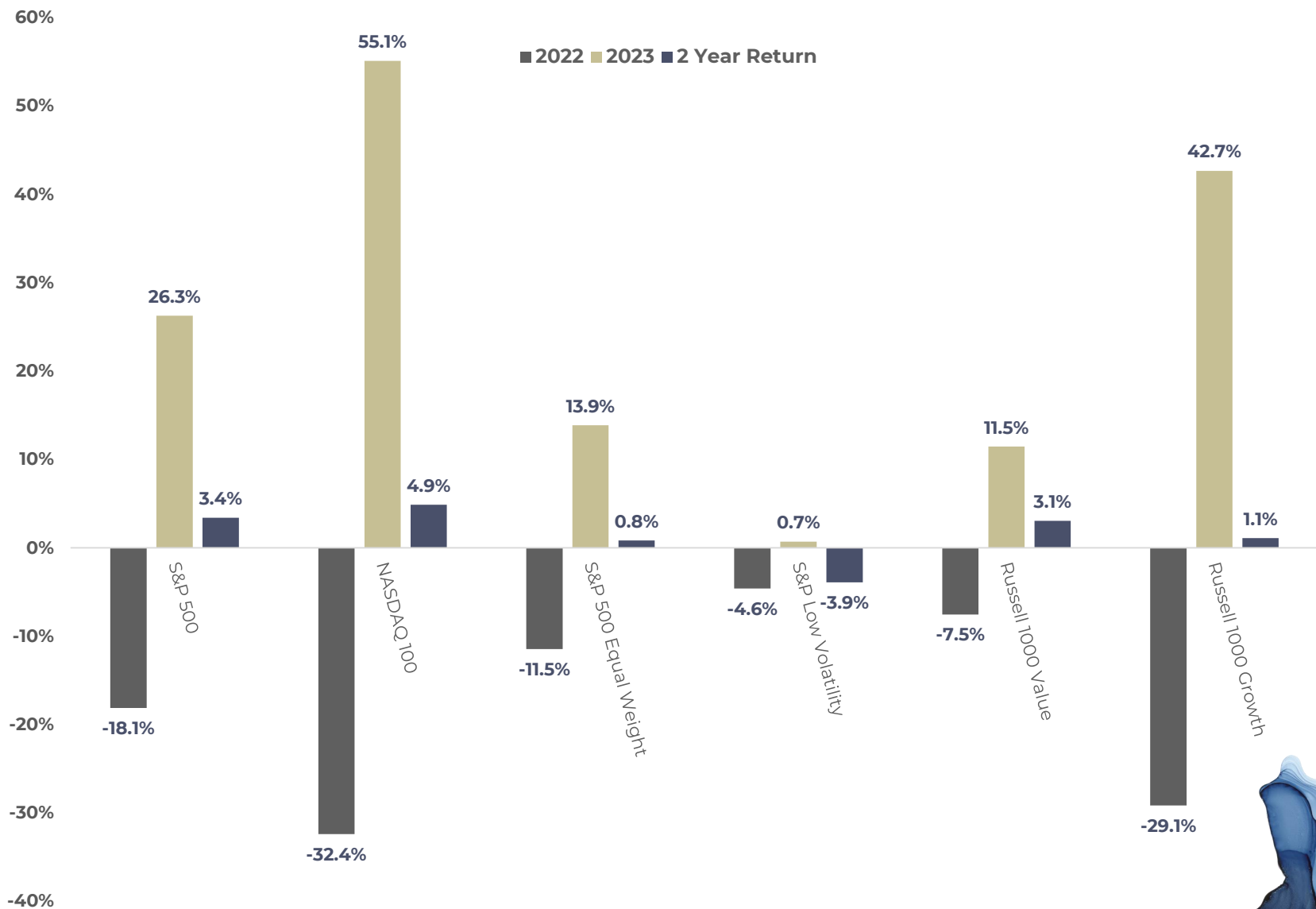
ALTERNATIVES, cont.

Other notable investments included an Atlanta-based growth equity fund and whiskey barrels which we believe will provide exposure that is truly uncorrelated to traditional equity and fixed income markets. We also made two direct private credit investments that were sourced through our clients.

While it is too early to judge the returns of the investments made in 2023, we are optimistic about their long-term outlook.

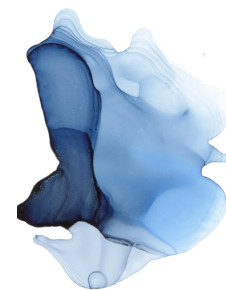


Stay disciplined and avoid trend chasing



Source: Addepar

Past performance is not indicative of future results. Please see attached disclosures.

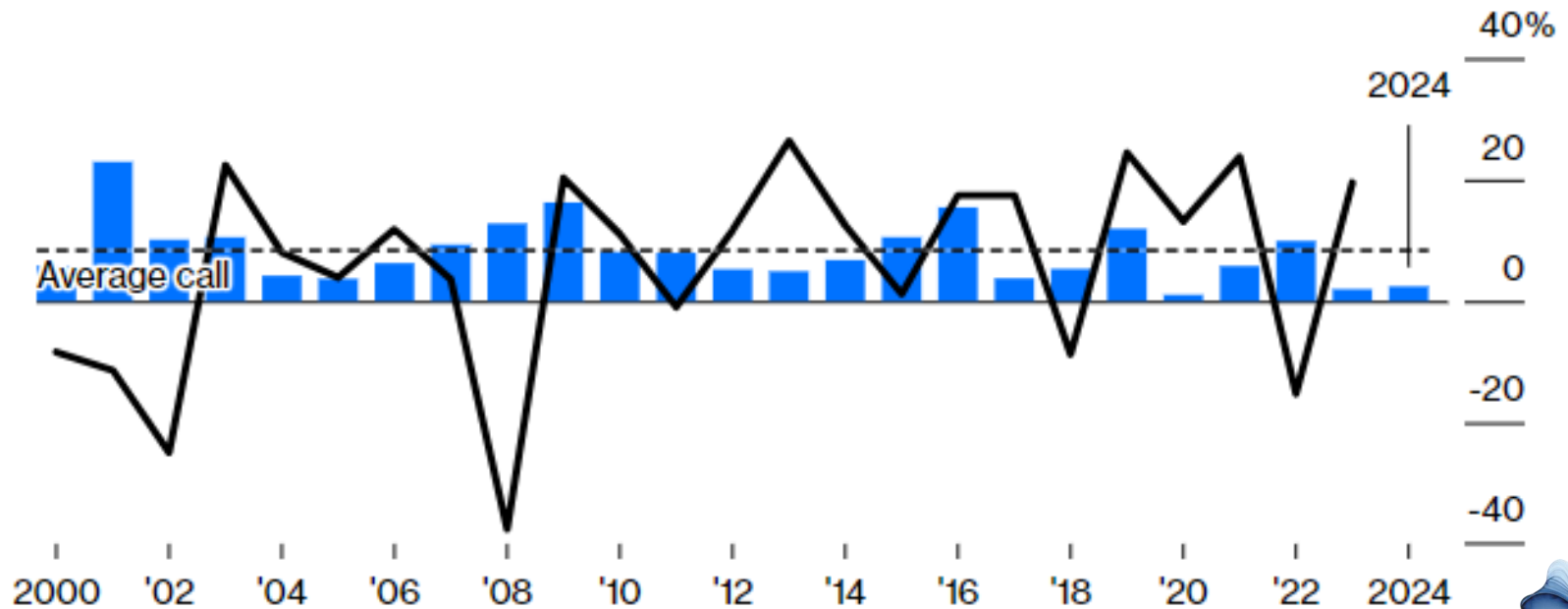


Consensus forecasts were completely wrong in 2023, as they are most years

Actual 2023 S&P 500 return: **26.3%**

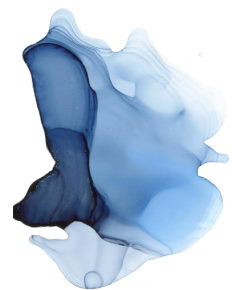
Average 2023 forecasted return: **3.4%**

■ Strategist avg. annual outlook for % S&P 500 upside / Actual outcome



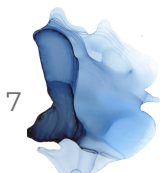
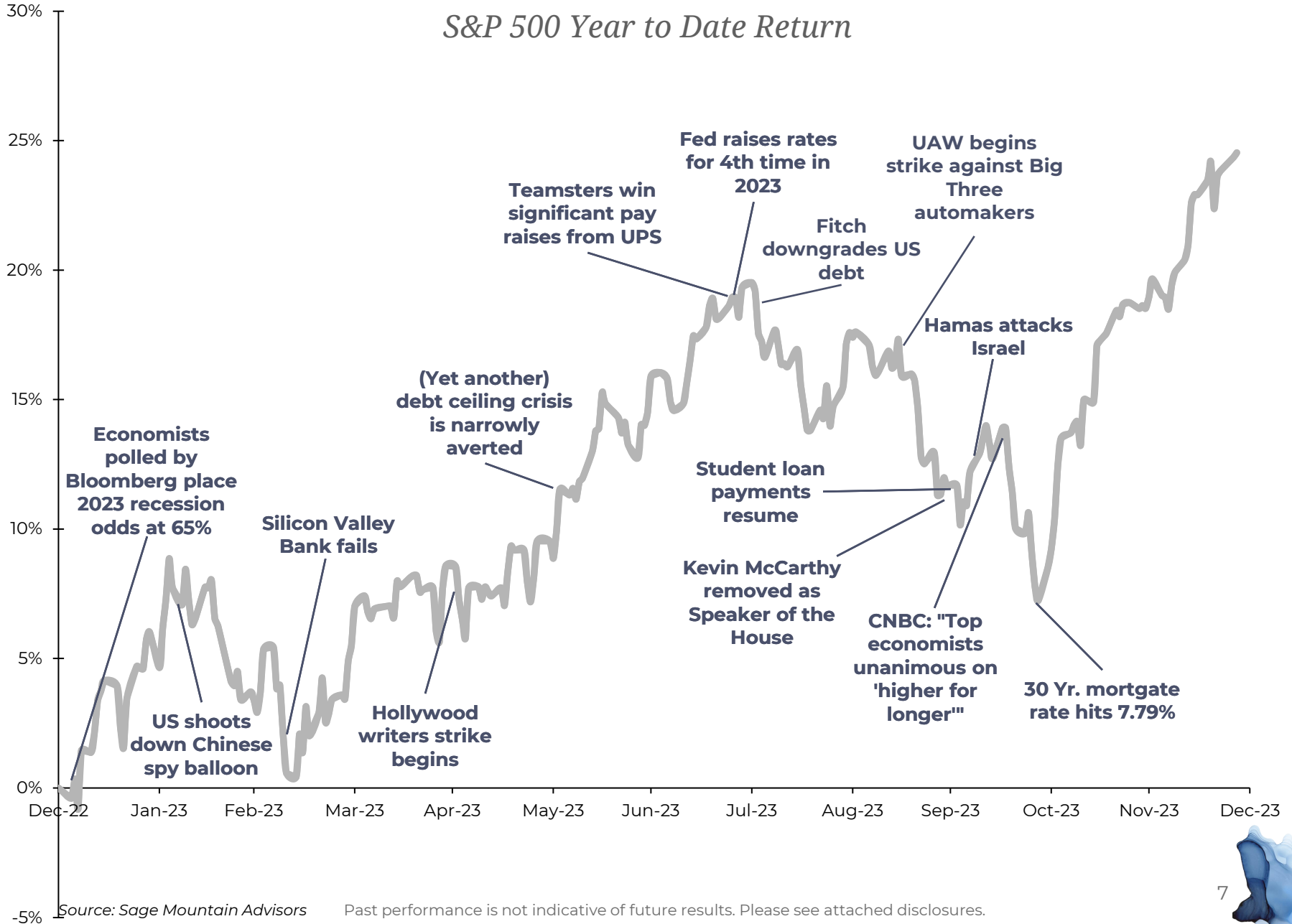
Source: Bloomberg

*Note: "Upside" projection is how much strategists thought the index would rise from the day of the call (usually early January) through Dec. 31; 2023 realized performance is measured through 12/21/23.



There was plenty to worry about...

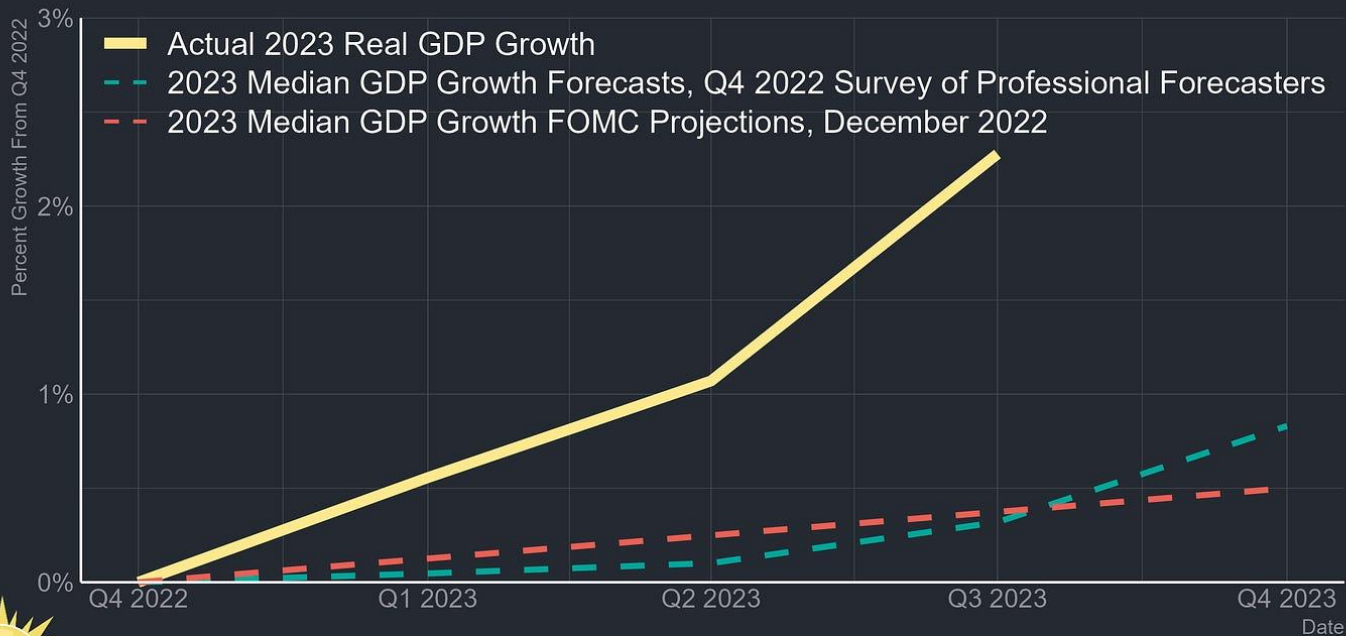
S&P 500 Year to Date Return



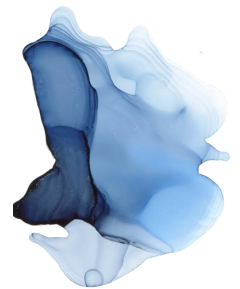
...but 2023 defied expectations for GDP growth...

US Growth: Defying Expectations

The US Economy Has Beaten Last Year's Bleak Growth Forecasts



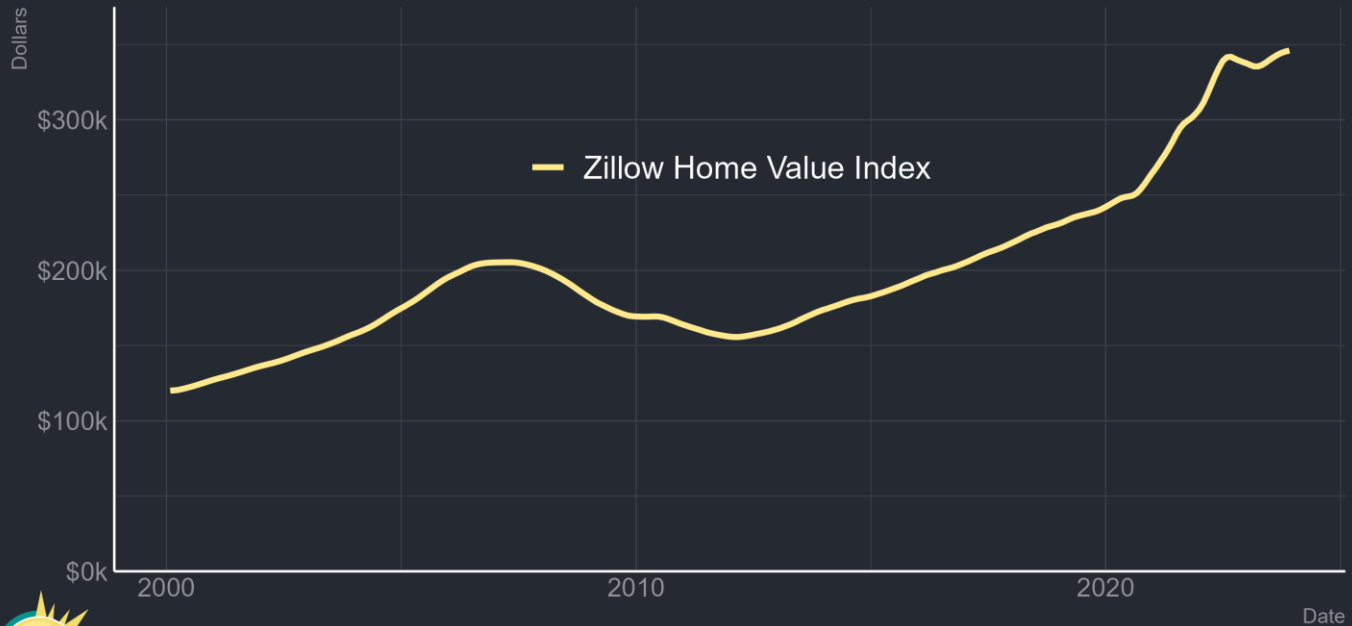
Graph created by @JosephPolitano using BEA and Federal Reserve Data



...housing prices...

The Great Pandemic Housing Boom

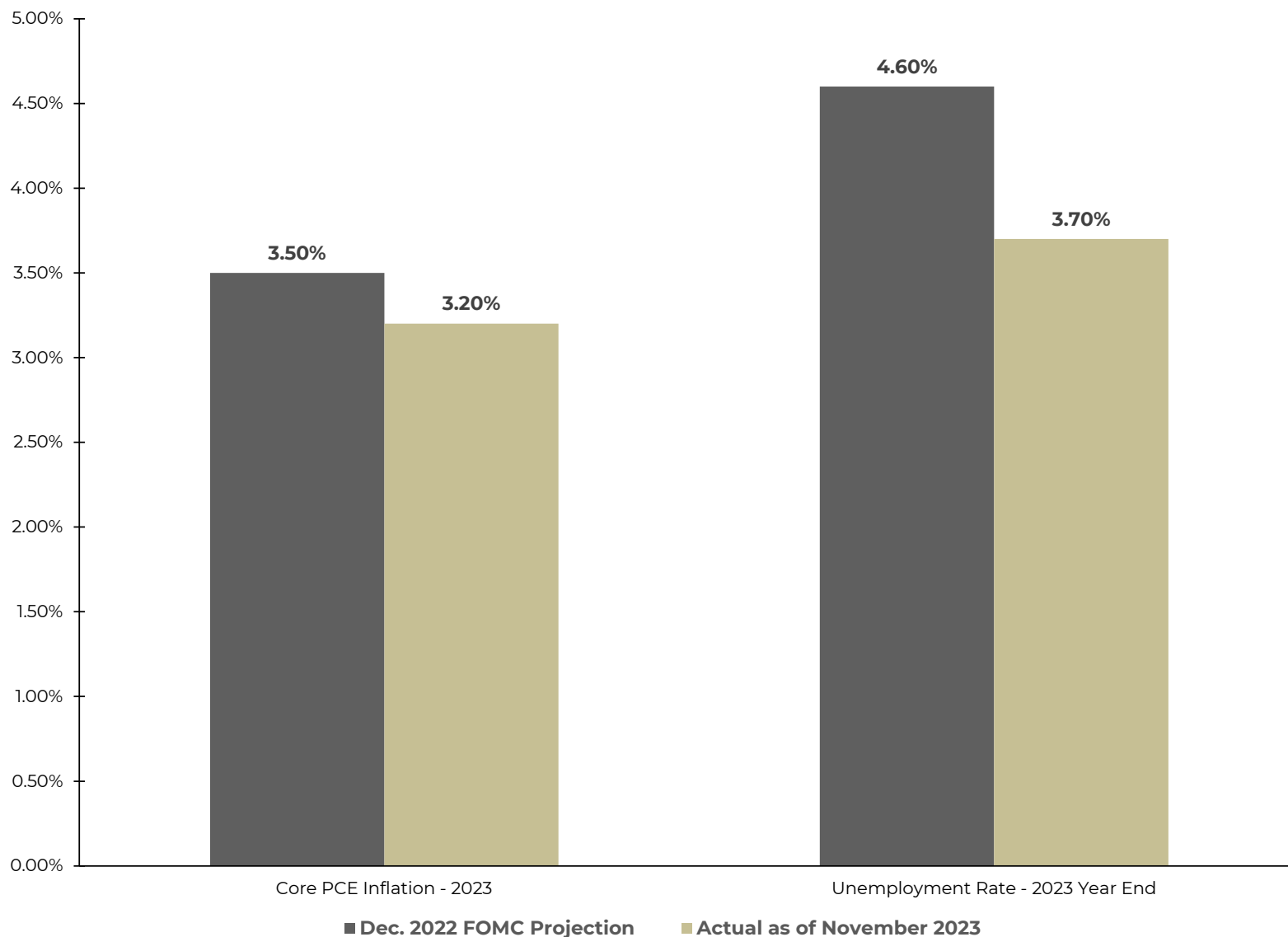
Nominal Housing Prices Have Hit a Record High, up 42% Since January 2020



Graph created by @JosephPolitano using Zillow data

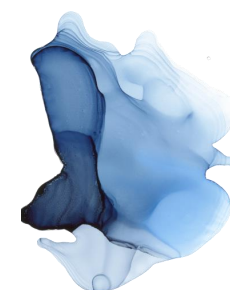


...inflation, and employment

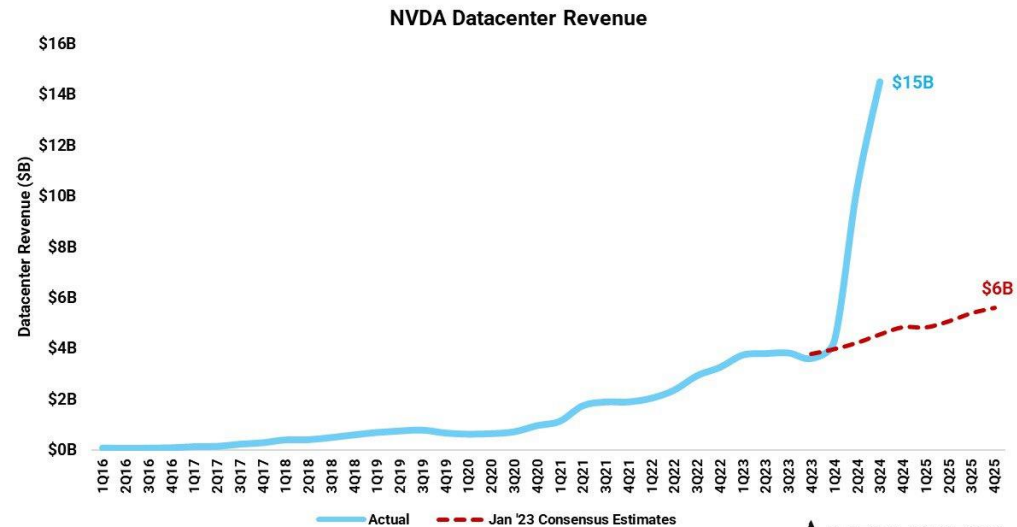


Source: Federal Reserve, BEA, and BLS

Past performance is not indicative of future results. Please see attached disclosures.



The generative AI boom shocked the market...



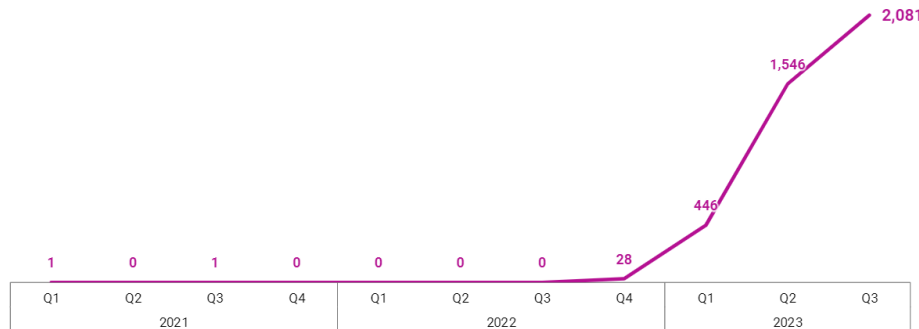
Source: NVDA Company Filings, Bloomberg Consensus as of Jan 1, 2023

ALTIMETER



Almost overnight, exec interest in generative AI skyrockets and companies feel pressured to react

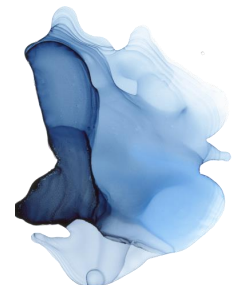
Earnings call mentions of "generative AI" (as of 9/30/2023)



Source: CB Insights - [Advanced Search - Earnings transcripts](#)

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Source: Brad Gerstner (@altcap), CB Insights



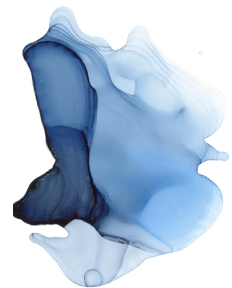
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*...but technological progress typically happens
“gradually and then suddenly”*



The world's first hard disk drive which held a whopping 3.75MB of data

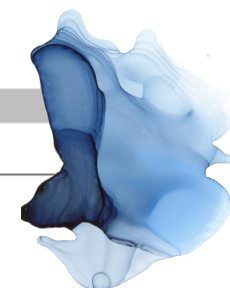


And tech valuations are not in bubble territory

	US			
	Size		Valuation *24m fwd P/E	Valuation 24m fwd EV/Sales
	Market weight	Market Cap (\$ Bn)		
Big Tech				
Apple	7.9%	2962	26.4	7.1
Microsoft	6.5%	2442	25.1	8.8
Alphabet	4.2%	1598	18.3	2.0
Amazon	3.8%	1425	34.2	2.2
NVIDIA	3.2%	1198	26.6	14.1
Tesla	2.1%	778	41.7	5.0
Meta Platforms	1.7%	659	15.8	4.0
Big Tech Aggregate	29.3%	11062	24.9	4.4
Tech Bubble				
Microsoft	4.5%	581	53.2	19.2
Cisco Systems	4.2%	543	101.7	17.5
Intel	3.6%	465	42.1	11.5
Oracle	1.9%	245	84.6	19.0
IBM	1.7%	218	23.5	2.3
Lucent	1.6%	206	37.9	4.1
Nortel Networks	1.5%	199	86.4	6.4
Tech Bubble Aggregate	19.0%	2457	52.0	8.2
Nifty 50				
IBM	7.1%	48	35.5	
Eastman Kodak	3.6%	24	43.5	
Sears Roebuck	2.7%	18	29.2	
General Electric	2.0%	13	23.4	
Xerox	1.8%	12	45.8	
3M	1.4%	10	39.0	
Procter & Gamble	1.4%	9	29.8	
Nifty 50 Aggregate	19.9%	135	34.3	

*Actual P/E for Nifty 50

Source: Datastream, FactSet, Goldman Sachs Global Investment Research



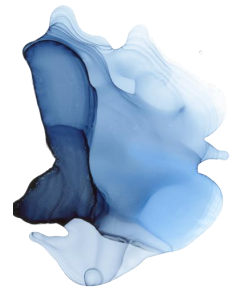
The Macroeconomic Setup for 2024

The pace and size of interest rate cuts remains the #1 issue in the financial markets. The most leveraged parts of the economy (banks, real estate, mortgages, consumer credit and the M&A deal ecosystem) could certainly use lower rates sooner rather than later.

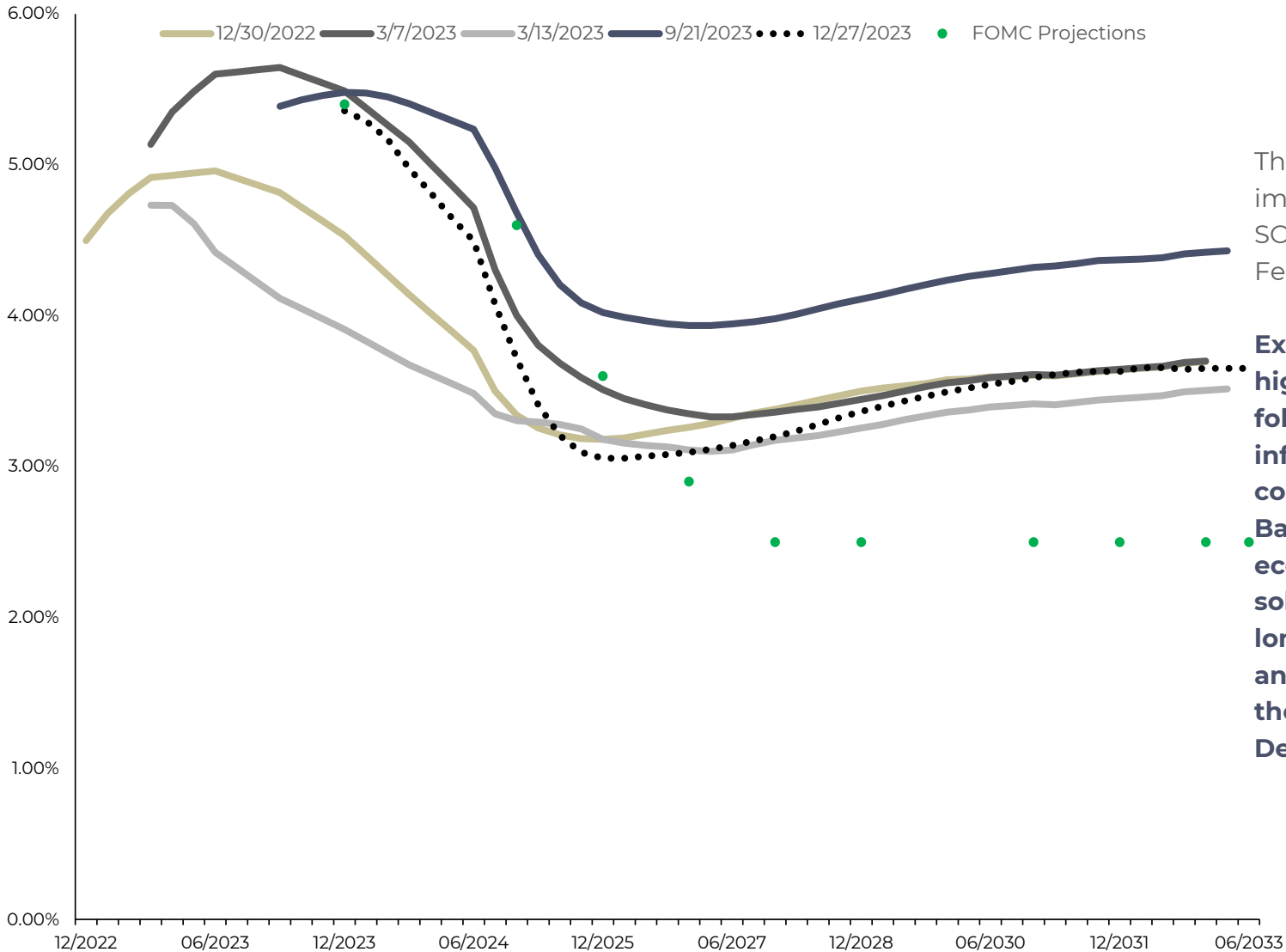
Inflation is headed in the right direction, which makes "real" interest rates appear quite high, justifying a cut. At the same time, the underlying economic fundamentals look healthy, which has supported consumer spending and prevented credit problems from worsening past "normal" levels.

Overseas economies are generally weaker than recently hoped, especially the Chinese recovery. However, this may not impact the domestic markets very much – we would describe global growth as weak but not dire. Some relative economic bright spots include India and Japan.

The policy reaction to the Pandemic is making this cycle harder to predict than normal. We believe that if current trends hold it is likely that the US can achieve a soft landing.

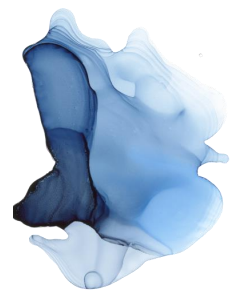


Shifting Interest Rate Expectations



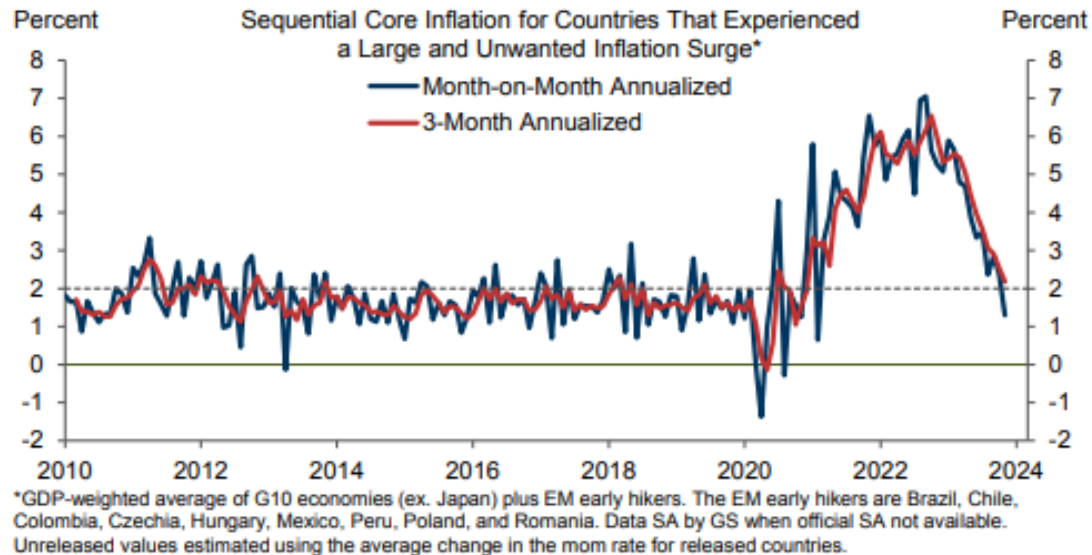
The chart shows market-implied yields for 3-month SOFR futures, a proxy for the Fed Funds Rate.

Expected rates moved higher early in the year following persistently high inflation, dropped after the collapse of Silicon Valley Bank, trended back up as economic data remained solid and the “higher for longer” theme took hold, and finally fell sharply after the surprisingly dovish December Fed meeting.



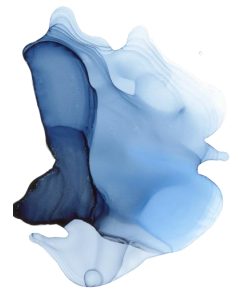
Source: Bloomberg and federalreserve.gov; data as of 12/27/2023

Inflation Trending Positively



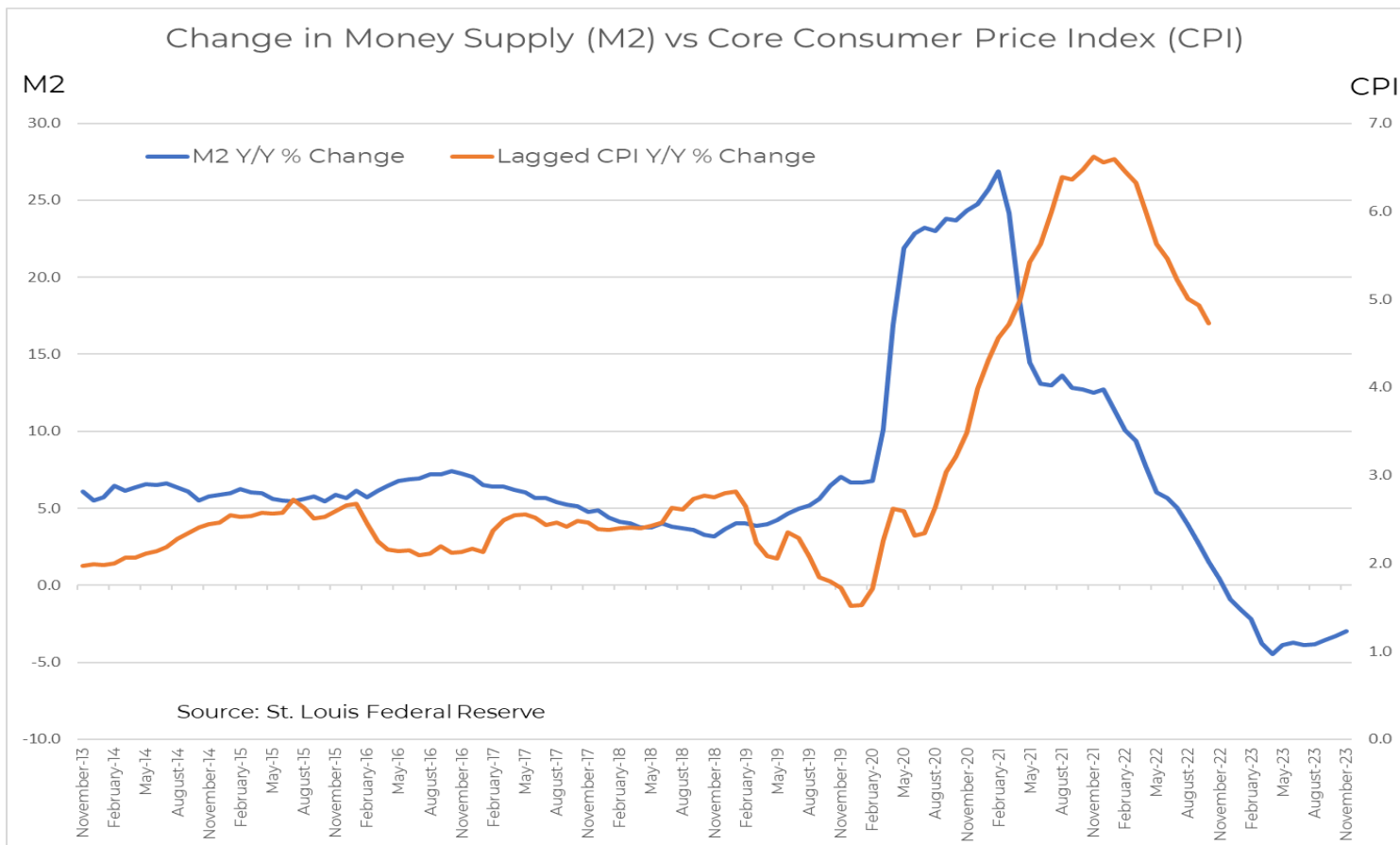
Source: Goldman Sachs Global Investment Research

Globally, inflation is on the decline. According to Goldman Sachs, **economies that saw a large post-COVID price surge now have inflation of 2.2% annualized over the past three months and just 1.3% in November.** Central banks now have flexibility to start considering rate cuts with inflation coming down so rapidly, as evidenced by the clear change in tone at the December Fed meeting. **Markets are now pricing a greater than 70% chance of a rate cut in March and virtually a 100% chance by May.**

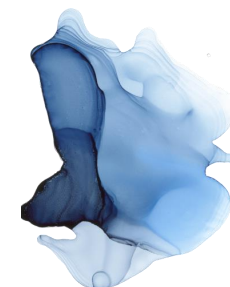


Source: Goldman Sachs, Bloomberg, CME FedWatch Tool

Inflation Trending Positively (cont.)



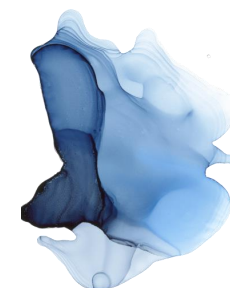
CPI tends to follow monetary policy with a lag; indeed, inflation seems set to keep falling back to pre-Pandemic levels.



Market-Derived Inflation Expectations



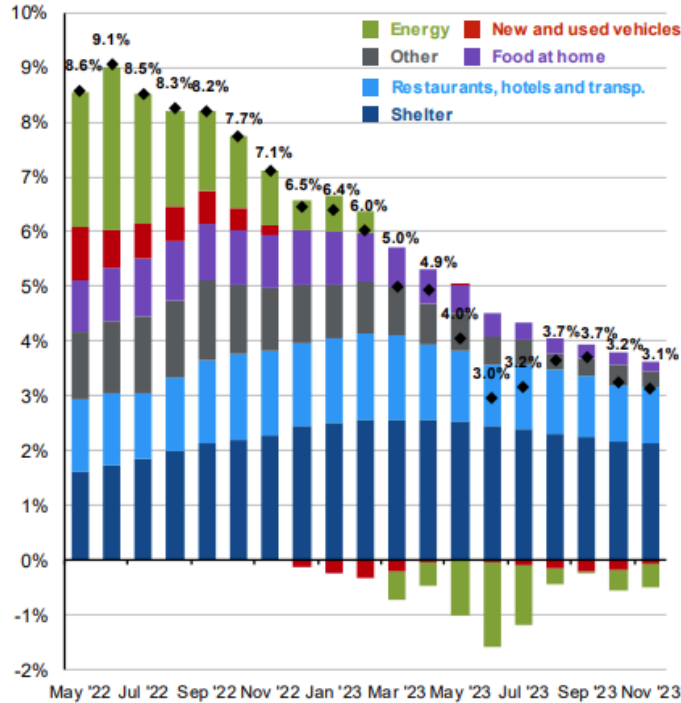
In addition to the actual inflation data, markets expectations are a critical input for Fed policy. Using the 5-year inflation breakeven rate, we can see that **expectations for future inflation continue to fall**. This is further good news for the interest rate outlook.



Inflation continues to fall; will it stay on trend?

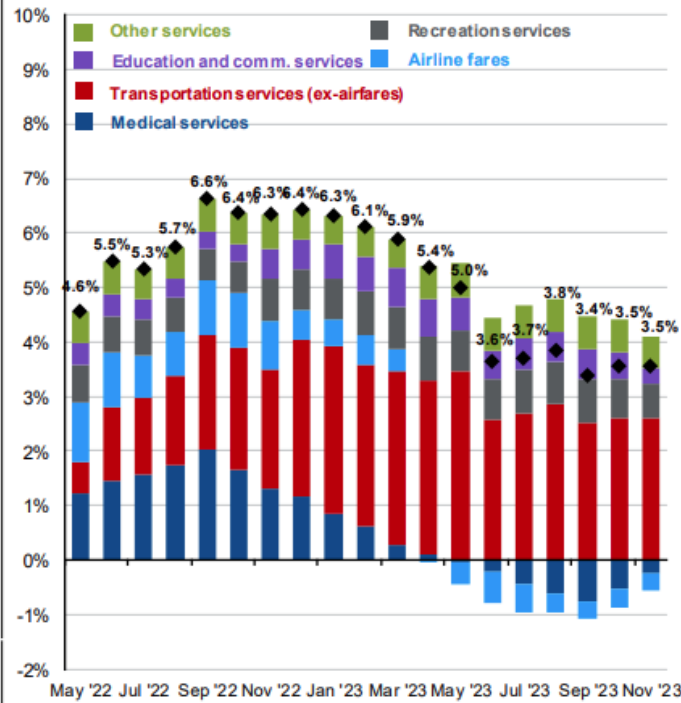
Contributors to headline CPI inflation

Contribution to y/y % change in CPI, non-seasonally adjusted

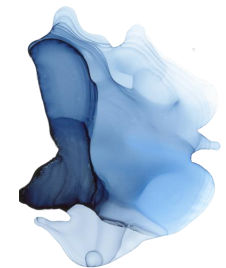


Contributors to core services ex-shelter CPI inflation*

Contribution to y/y % change in custom CPI index, non-seasonally adj.

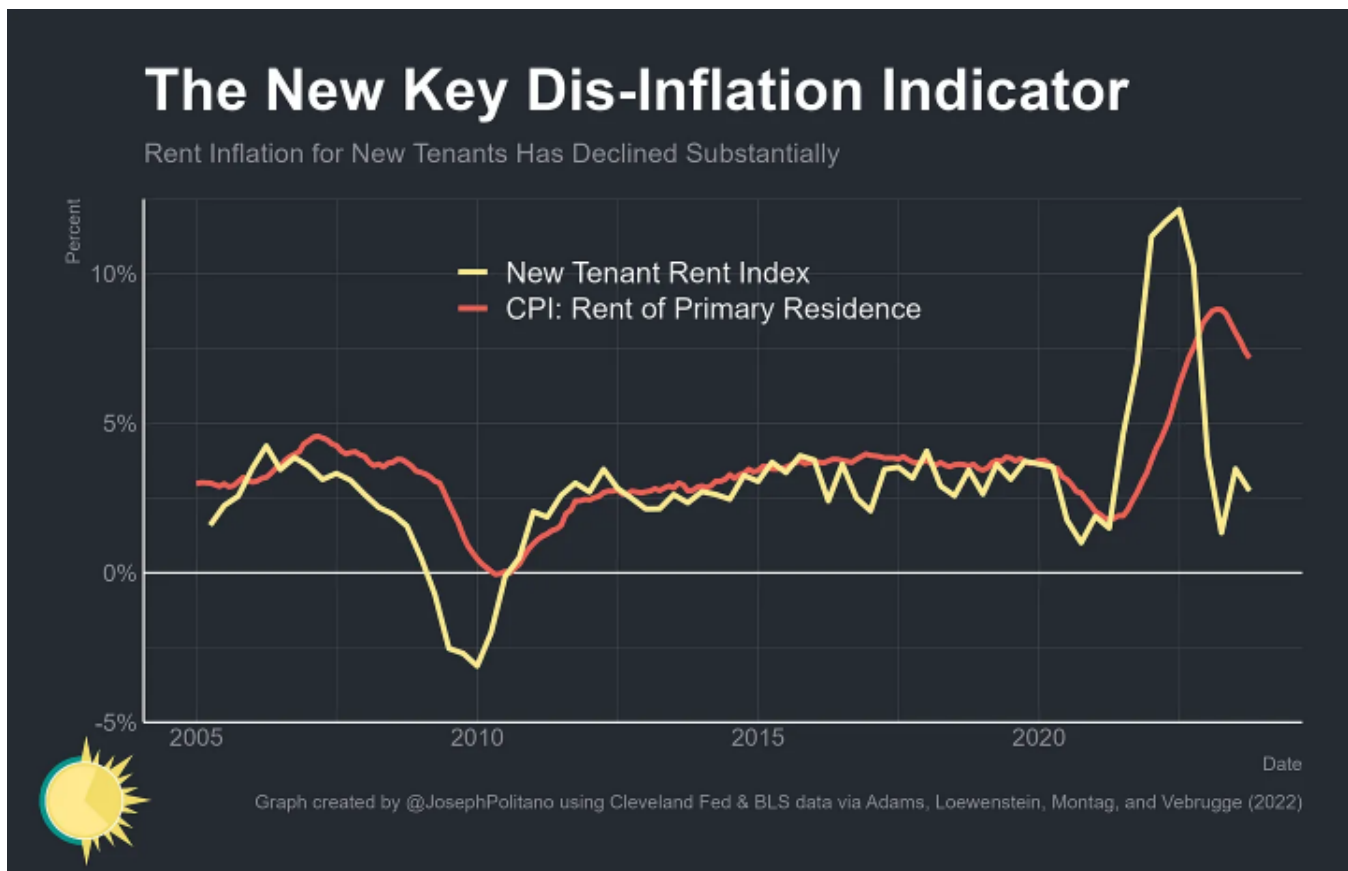


Looking deeper under the hood, **core inflation has continued to decline** after peaking in Q3 2022. The headline disinflation has been driven by reversals in energy costs since 2022 and significant slowing in vehicle prices and shelter costs. While housing transactions have dried up due to high mortgage rates, rents are now rising 2-3%, versus double digits during the Pandemic.



Importance of Rent to Overall Inflation

Housing costs (rent and mortgage payments) remain the largest piece of US consumer spending. We expect rent to continue trending down after a very sharp rise. **Changes in the CPI shelter index tend to lag real time rents, indicating further disinflation ahead.**



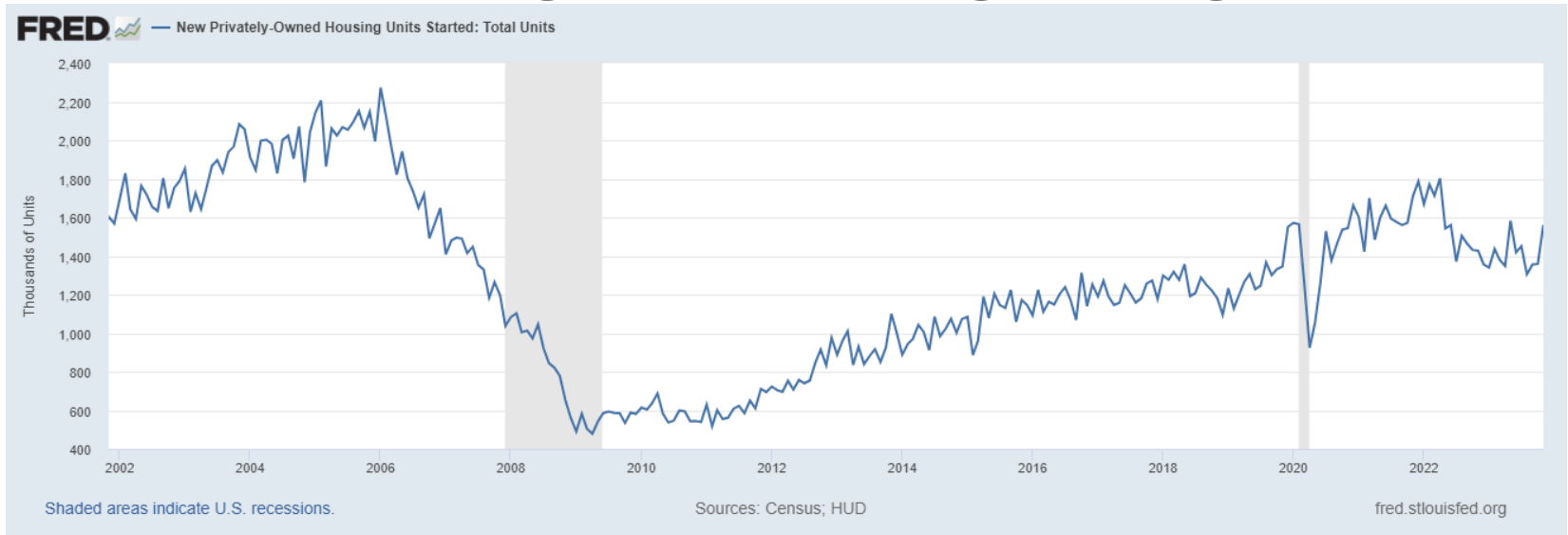
CBRE, the large real estate services firm, expects that, "the biggest wave of new apartment supply in decades will temper rent growth and improve affordability for renters in 2024. With delivery of 440,000 new units expected in 2024 and more than 900,000 currently under construction, the overall vacancy rate is expected to rise and rent growth to decelerate."

Source: Apricitas Economics, CBRE U.S. Real Estate Market Outlook, 2024

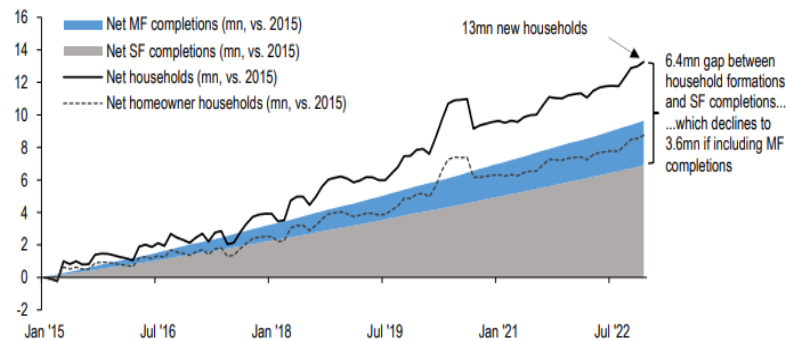
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The US is still dealing with a housing shortage



Net household formations, homeowner household formations and housing completions (mm, net vs 2015). MF = multi-family. SF = single-family.

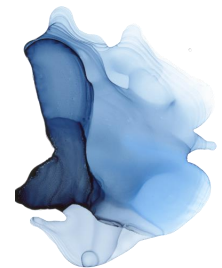


Source: J.P. Morgan, U.S. Census.

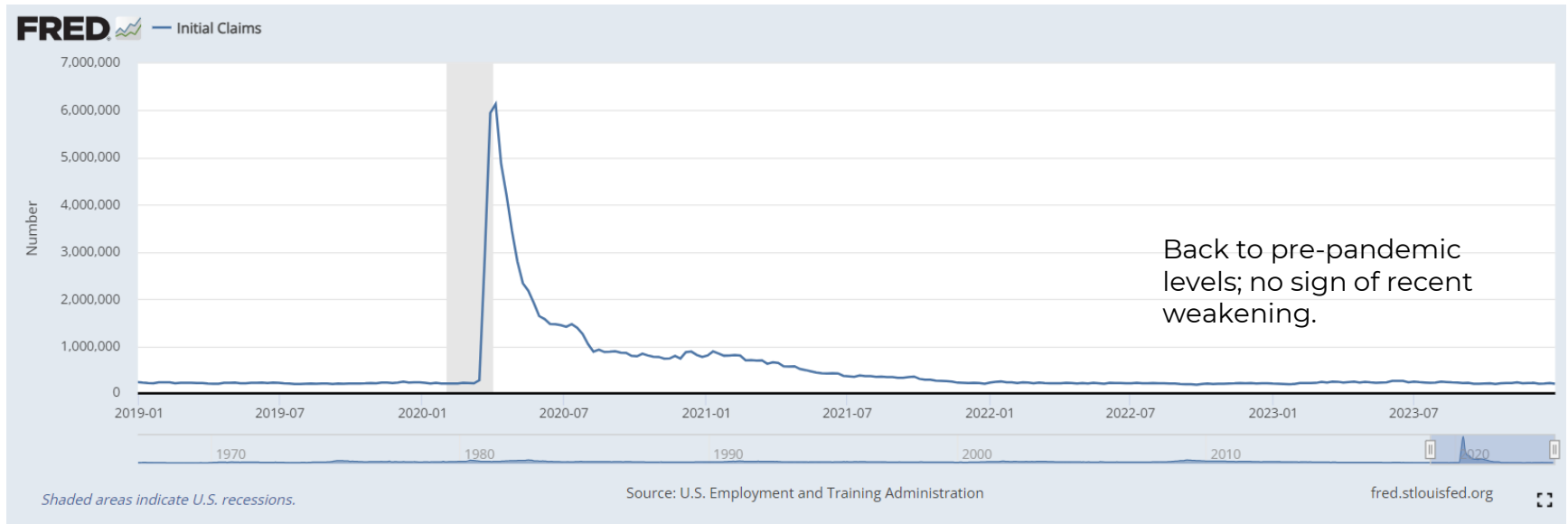
Housing construction collapsed following the Global Financial Crisis, slowly recovered into 2022, and then declined again as supply chain issues increased costs and rates for mortgage and construction loans spiked. The exact number is difficult to measure, but **estimates show that the US has a shortage of millions of homes. We believe that should provide support for housing prices and benefit multifamily projects that are delivered in the next couple years.**

Source: St. Louis Fed, J.P. Morgan

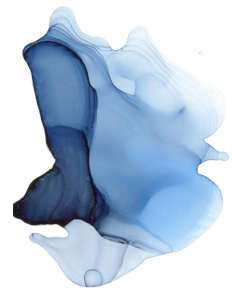
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Employment remains solid

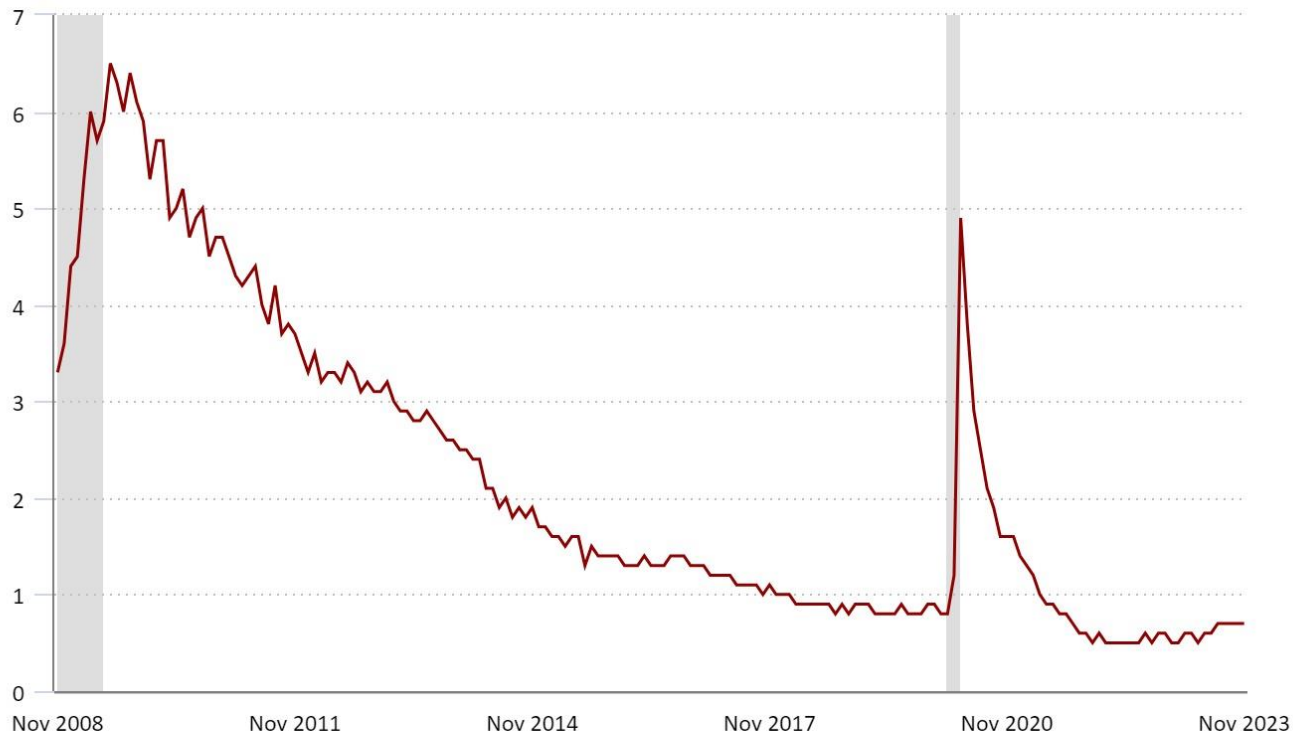


Initial unemployment claims are one of the best real-time data series we have for measuring the health of the labor market. Put simply, there is no sign that workers are being laid off in significant numbers. **The labor market is cooling off, but from very elevated levels.**



Employment remains solid, cont.

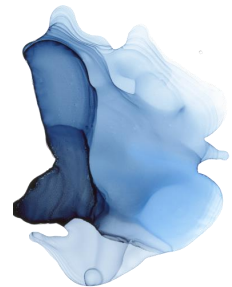
Number of unemployed persons per job opening, seasonally adjusted



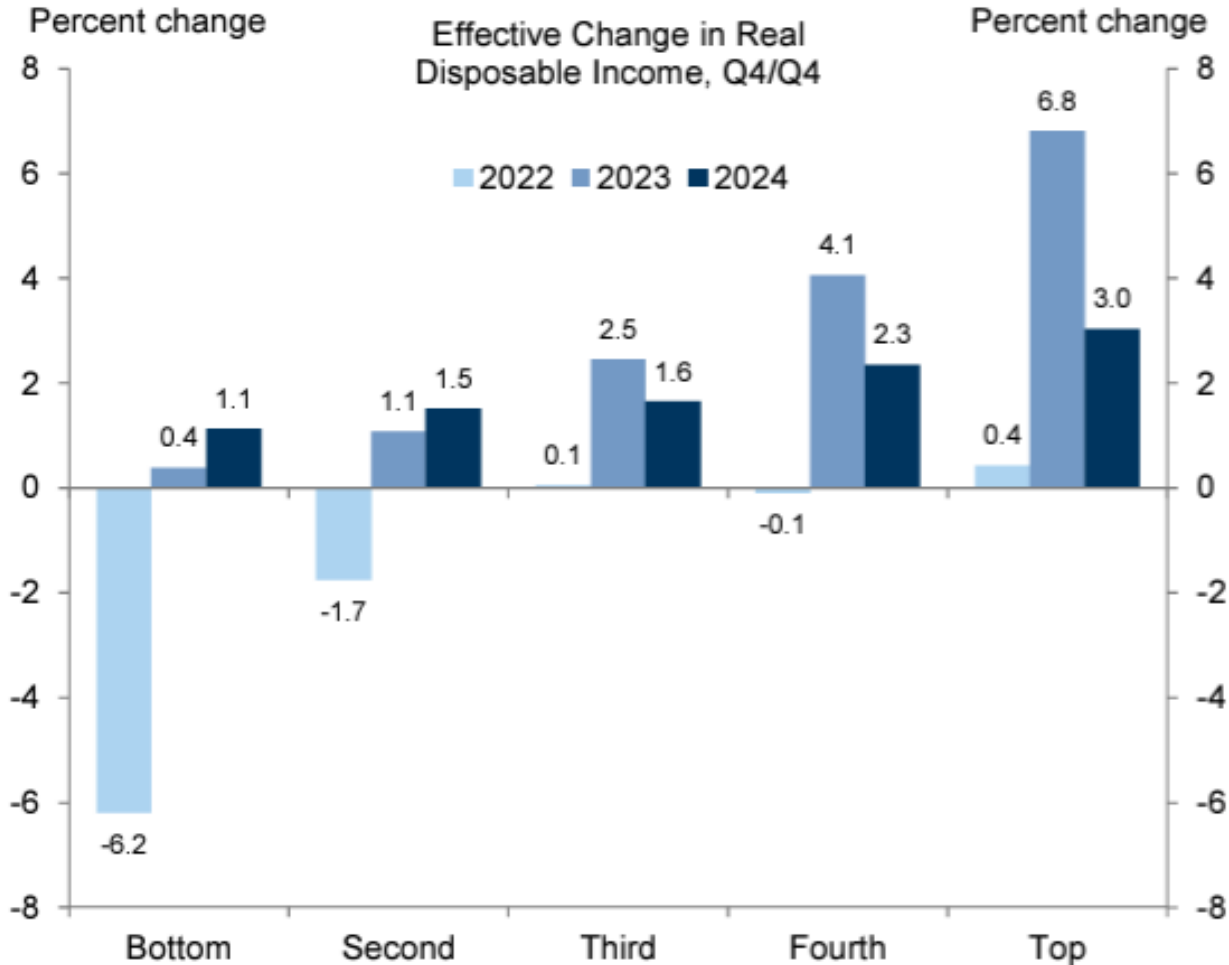
Source: U.S. Bureau of Labor Statistics.

The November JOLTS reading (Job Openings and Labor Turnover Survey) showed openings, job quits, and layoffs all fell slightly in recent months.

This slight rise in the number of unemployed per open job is consistent with a gradually cooling labor market and is not an indication of significant weakness.

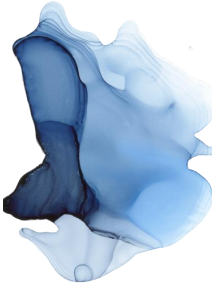


Income growth should support consumer spending in 2024



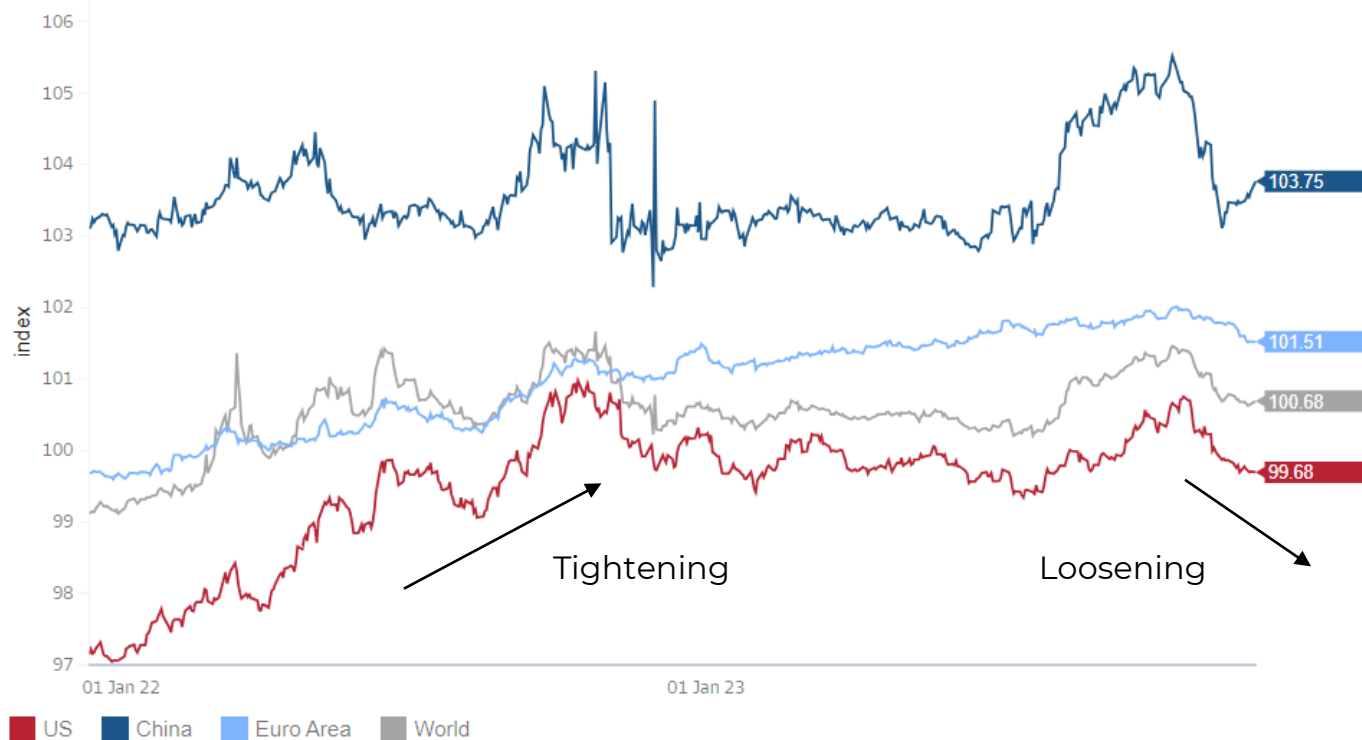
After declining in 2022, real disposable income growth rebounded in 2023 and is expected to remain positive in 2024 across all income levels.

While households spending down excess savings they accumulated during the pandemic likely boosted spending in 2021 and 2022, we believe the impact was negligible in 2023 and will remain muted going forward.



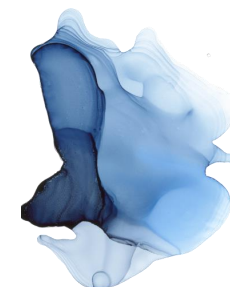
Financial Conditions

GLOBAL FCI



Source: Goldman Sachs Investment Research

Goldman Sachs' index of Financial conditions incorporates Fed policy, market expectations and financial institution lending. Financial markets' belief in approaching interest rate cuts can spur activity, becoming stimulative in and of itself. One caveat, the Fed does not want "too much" easing too quickly.

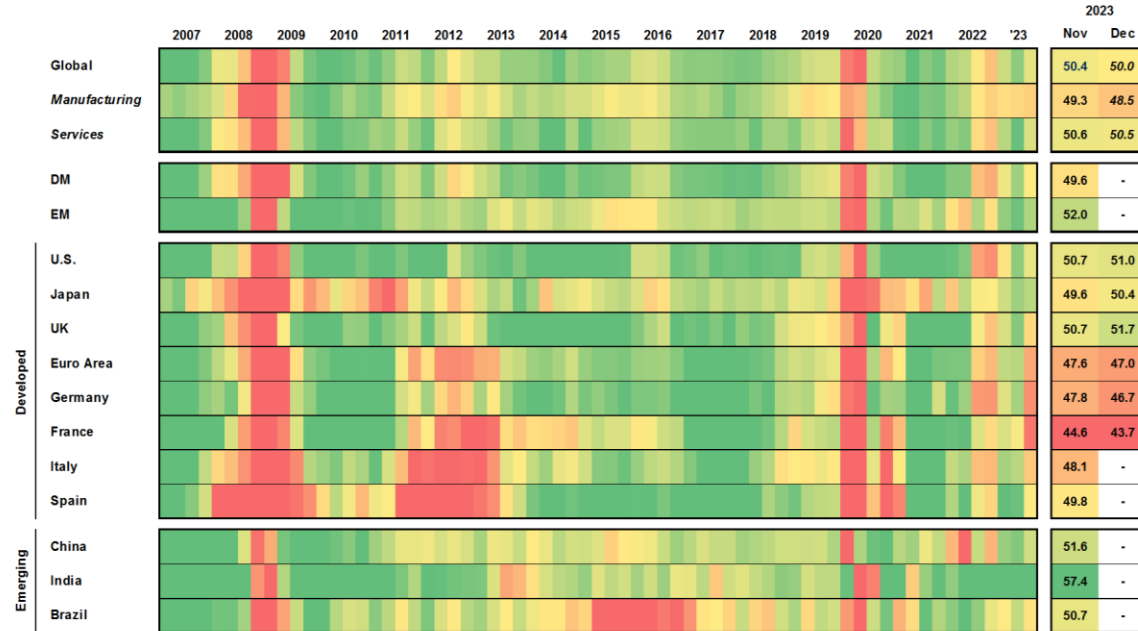


Global PMIs are Healthy

Global economic activity momentum

0

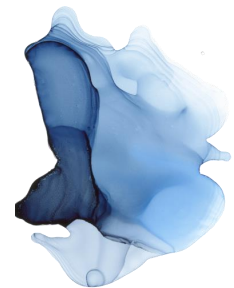
Global Composite (manufacturing & services combined) Purchasing Managers' Index, quarterly



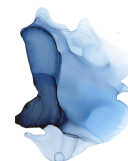
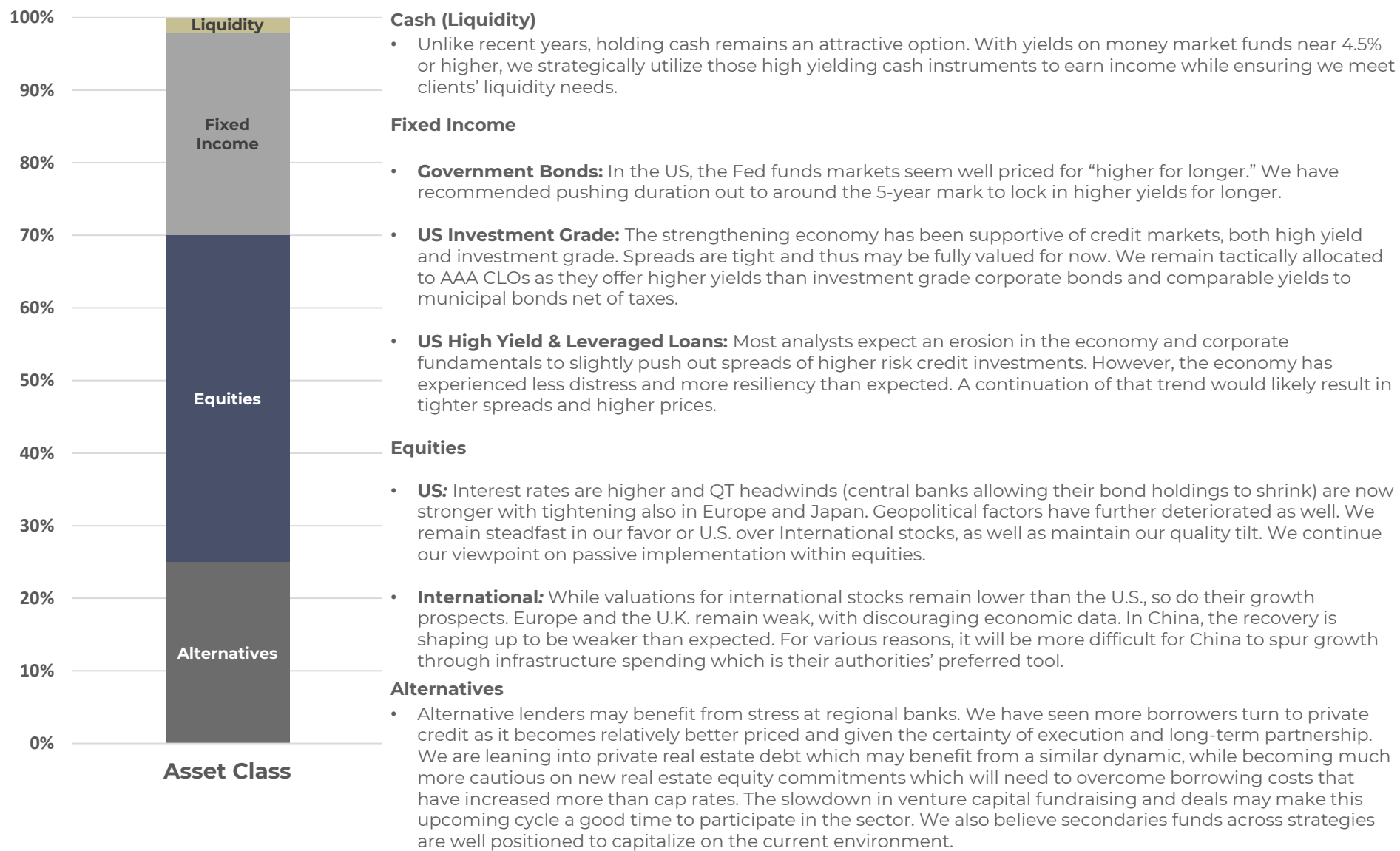
Source: J.P. Morgan Economic Research, Standard & Poor's, J.P. Morgan Asset Management. The Composite PMI includes both manufacturing and services sub-indices. The Global, Manufacturing and Services figures for December are estimates by J.P. Morgan Asset Management. Heatmap colors are based on PMI relative to the 50 level, which indicates acceleration or deceleration of the sector, for the time period shown. Heatmap is based on quarterly averages, except for the two most recent figures, which are single month readings. Data for the U.S. are back-tested and filled in for 2007-2009. Data for Japan are back-tested and filled in for the first two quarters of 2007. DM and EM represent developed markets and emerging markets, respectively. *Guide to the Markets* - U.S. Data are as of December 31, 2023.

J.P.Morgan
ASSET MANAGEMENT

After a sharp decline during the first part of the Pandemic, a massive fiscal and monetary response resuscitated the global economy. The economy is coming off that initial burst of stimulus and the following monetary tightening to contain inflation. **The world economy is right at a neutral level.**



Illustrative current positioning



Market Snapshot

4Q 2023 2023 2022 3 Year
(Annualized) 5 Year
(Annualized) 10 Year
(Annualized)

	4Q 2023	2023	2022	3 Year (Annualized)	5 Year (Annualized)	10 Year (Annualized)
Blended Portfolio						
60% S&P 500 / 40% US Aggregate	9.7%	18.0%	-16.1%	5.1%	10.7%	8.9%
Fixed Income						
Bloomberg US Aggregate	6.8%	5.5%	-13.0%	-3.3%	1.1%	1.8%
Bloomberg Municipal 1-10 Years Blend	5.5%	4.6%	-4.8%	0.0%	2.0%	2.2%
Bloomberg Municipal Bond High Yield	9.2%	9.2%	-13.1%	0.8%	3.5%	5.0%
S&P Leveraged Loan Index	2.8%	13.3%	-0.8%	5.7%	5.8%	4.4%
Bloomberg US Corporate High Yield	7.2%	13.4%	-11.2%	2.0%	5.4%	4.6%
Equities						
S&P 500	11.7%	26.3%	-18.1%	10.0%	15.7%	12.0%
Russell 1000 Growth	14.2%	42.7%	-29.1%	8.9%	19.5%	14.9%
Russell 1000 Value	9.5%	11.5%	-7.5%	8.9%	10.9%	8.4%
Russell 2000	14.0%	16.9%	-20.4%	2.2%	10.0%	7.2%
NASDAQ 100	14.6%	55.1%	-32.4%	10.2%	22.6%	17.9%
MSCI EAFE (USD)	10.4%	18.2%	-14.5%	4.0%	8.2%	4.3%
MSCI EAFE (Local Currency)	5.0%	16.2%	-7.0%	8.6%	9.5%	6.6%
MSCI Emerging Markets	7.9%	9.8%	-20.1%	-5.1%	3.7%	2.7%
MSCI All Country World	11.0%	22.2%	-18.4%	5.7%	11.7%	7.9%
Other Assets						
PitchBook Private Equity ¹	0.0%	9.9%	-5.8%	13.9%	16.6%	14.4%
NCREIF NPI Returns - National ²	0.0%	-5.1%	5.5%	5.6%	5.0%	7.1%
S&P GSCI Gold	11.0%	13.4%	-0.1%	3.0%	10.1%	5.6%
Crude Oil - WTI Spot	-20.8%	-10.4%	6.7%	14.2%	9.7%	-3.1%
S&P Goldman Sachs Commodity Index	-10.7%	-4.3%	26.0%	19.2%	8.7%	-3.6%
US Dollar Index	-4.6%	-2.1%	7.9%	4.2%	1.1%	2.4%
US CPI - Urban Consumers	-0.2%	3.5%	6.5%	5.6%	4.1%	2.8%
US CPI - All Items Less Food & Energy	0.5%	3.6%	5.7%	4.9%	3.7%	2.8%
VIX Volatility Index	-28.9%	-42.5%	25.8%	-18.2%	-13.3%	-1.0%

Source: Addepar; data as of 12/31/2023

¹Returns as of 6/30/2023

²Returns as of 9/30/2023

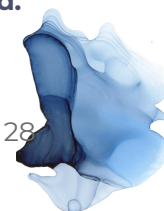
In a stark reversal from Q3, Investment grade fixed income rose in Q4 as rates fell broadly, while high yield outperformed as credit spreads remained tight.

Equities outpaced expectations in the fourth quarter as broad indices climbed. The S&P 500 rose 11.7%, while international stocks were up 10.4%.

On the back of concerns in the Middle East, oil fell sharply in Q4 down -20.8%. The US Dollar reversed from Q3, falling 4.6% in the fourth quarter and dragging its year-to-date return negative.

Volatility fell sharply in Q4 as investor worries waned, bringing 2023 volatility to a staggering low, with the VIX down -42.5%.

A 60% equity / 40% bond portfolio rose in Q4, posting a 9.7% return as both stock and bond markets soared.

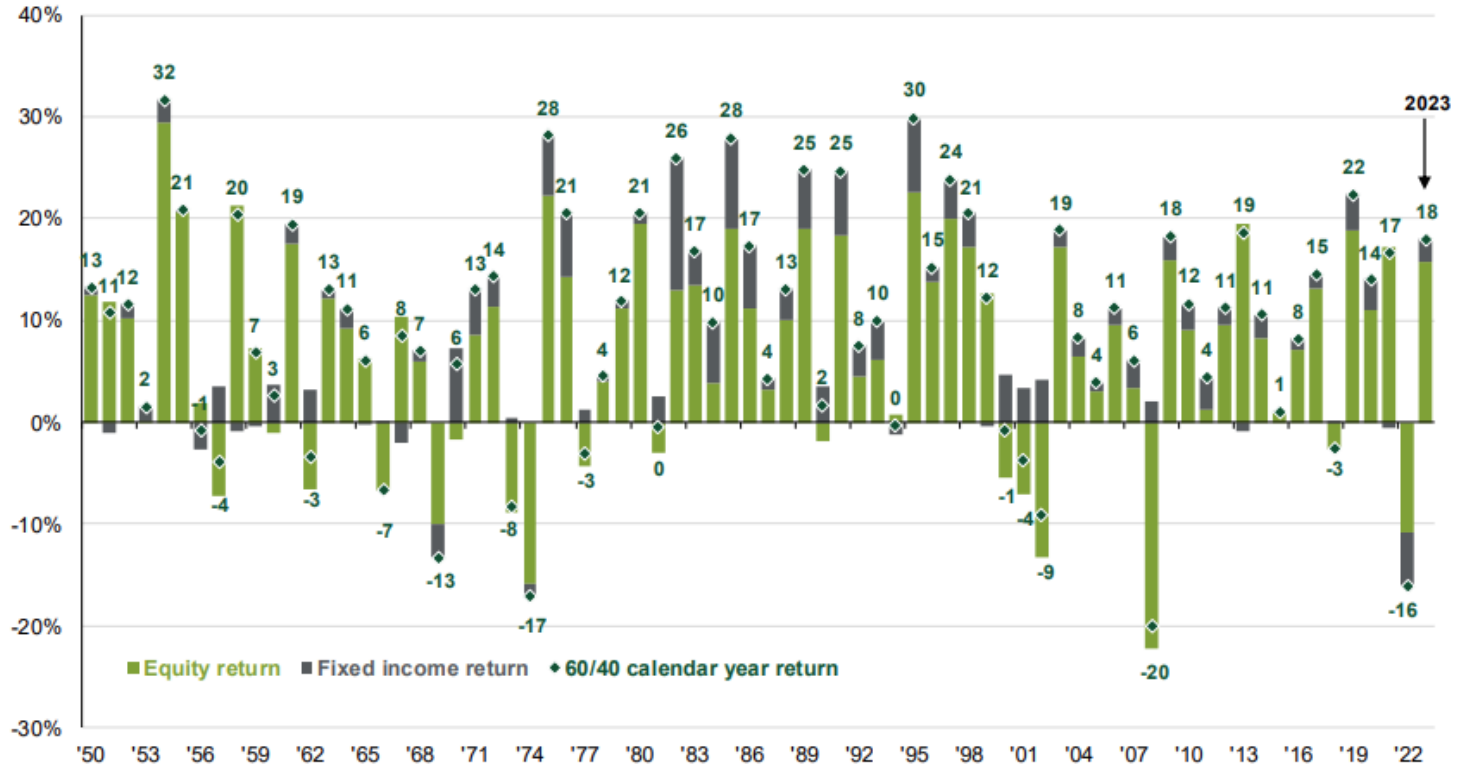


Is the 60/40 back? Not that it went anywhere...

Perhaps the most classic of all portfolios, the 60/40 (60% stocks / 40% bonds) experienced its worst year in 2022 since the Global Financial Crisis. However, after starkly negative years for both stocks and bonds in 2022, both reversed course in 2023 with stocks accounting for about 87% of the portfolio return and bonds being additive following a fall in rates in the second half of the year. The 60/40 portfolio has only produced 3 negative years in the last 20 with 2023's performance.

60/40 annual return decomposition

Total returns, 1950 – 2023

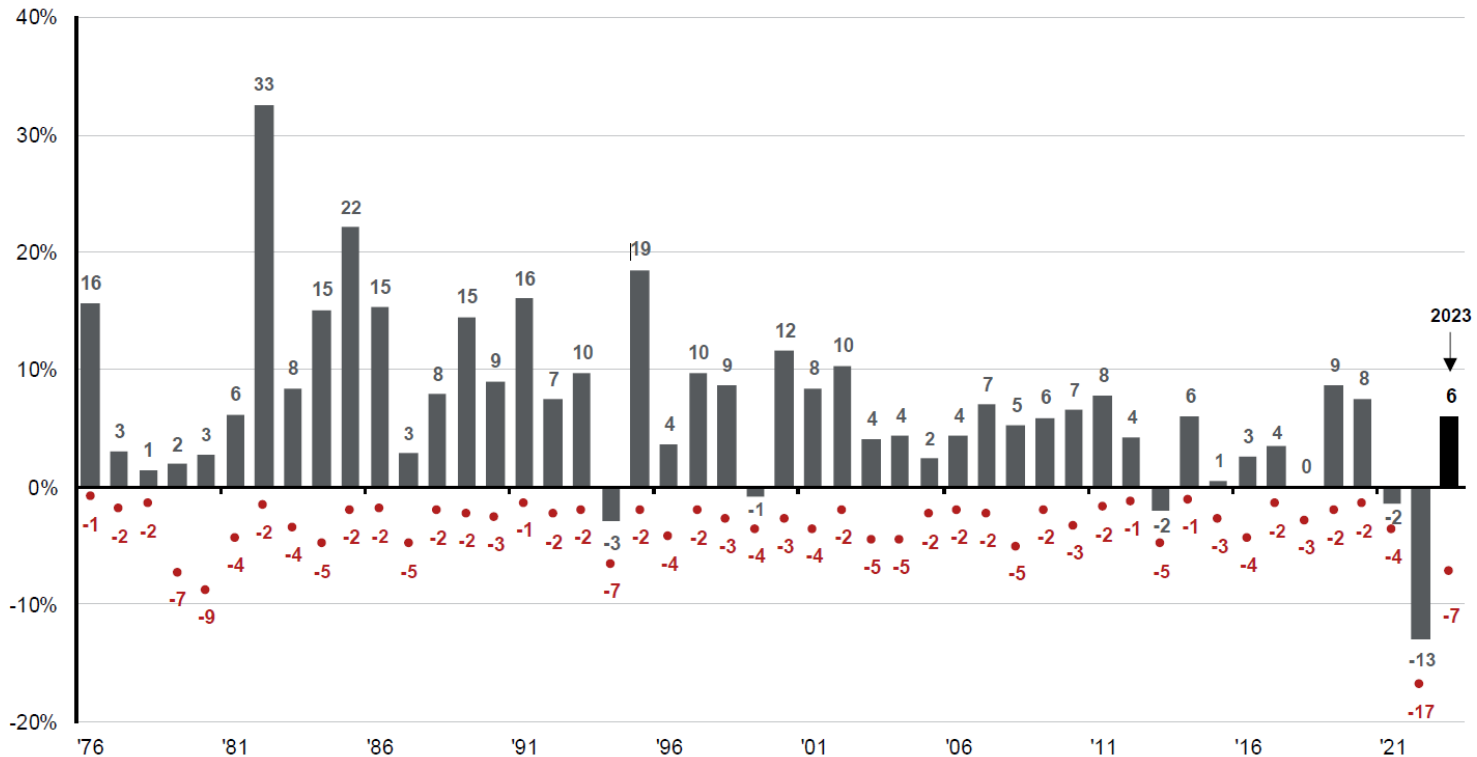


Bonds Bounce Back

After the worst year for fixed income in over 40 years, bonds bounced back in 2023 with broad positive returns. After 2022, where the US Aggregate Bond Index was down -12.3%, broad fixed income rose during 2023 on the back of tighter spreads, falling yields, and dissipating concerns around future interest rate hikes. Coming into the fourth quarter, core bonds (IG credit and Treasuries) were flat to slightly negative, but thanks to a fourth quarter rally, the US Aggregate Bond Index ended up 5.5% for 2023. Leading the asset class were US Corporate High Yield (13.4%) and Leveraged Loans (+13.3%).

Bloomberg U.S. Aggregate intra-year declines vs. calendar year returns

Despite average intra-year drops of 3.4%, annual returns were positive in 43 of 48 years



Source: Addepar, FactSet, Bloomberg, J.P. Morgan Asset Management

Past performance is not indicative of future results. Please see attached disclosures.

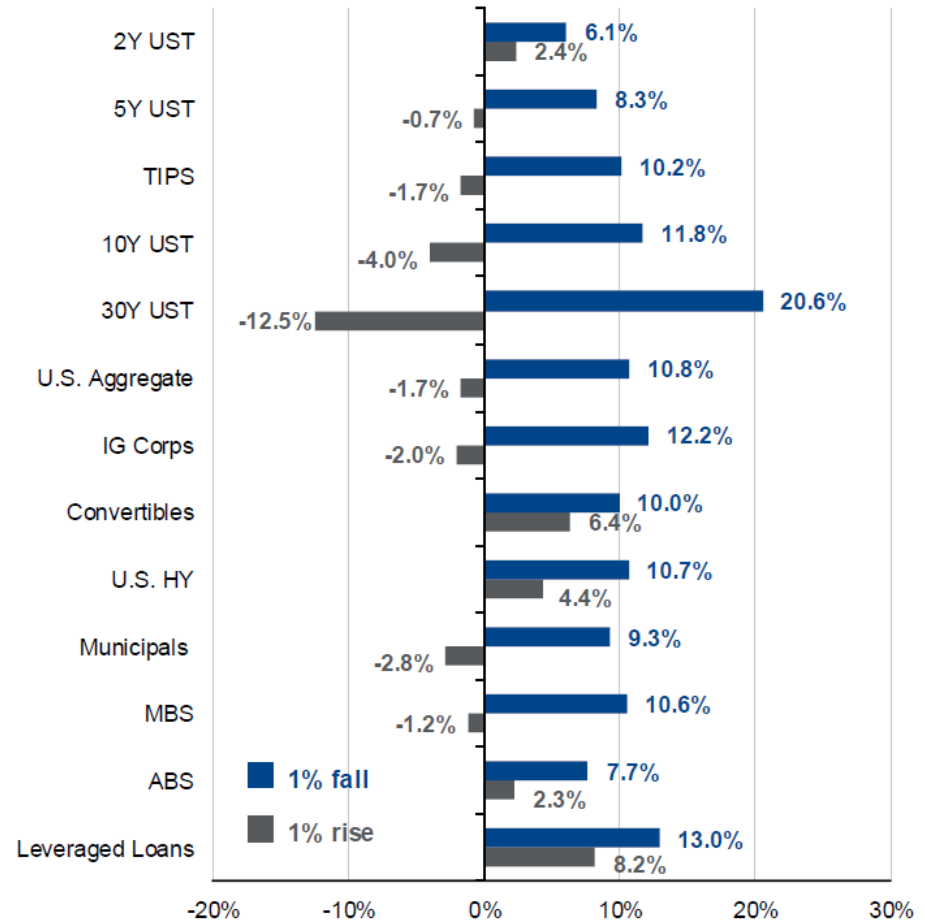


Higher rates support extending duration

With interest rates increasing to their highest levels since prior to the Global Financial Crisis, we have recommended extending from short to intermediate duration. As shown in the table to the right, the risk/reward trade-off has shifted in support of going out further on the maturity curve.

Impact of a 1% rise or fall in interest rates

Total return, assumes a parallel shift in the yield curve

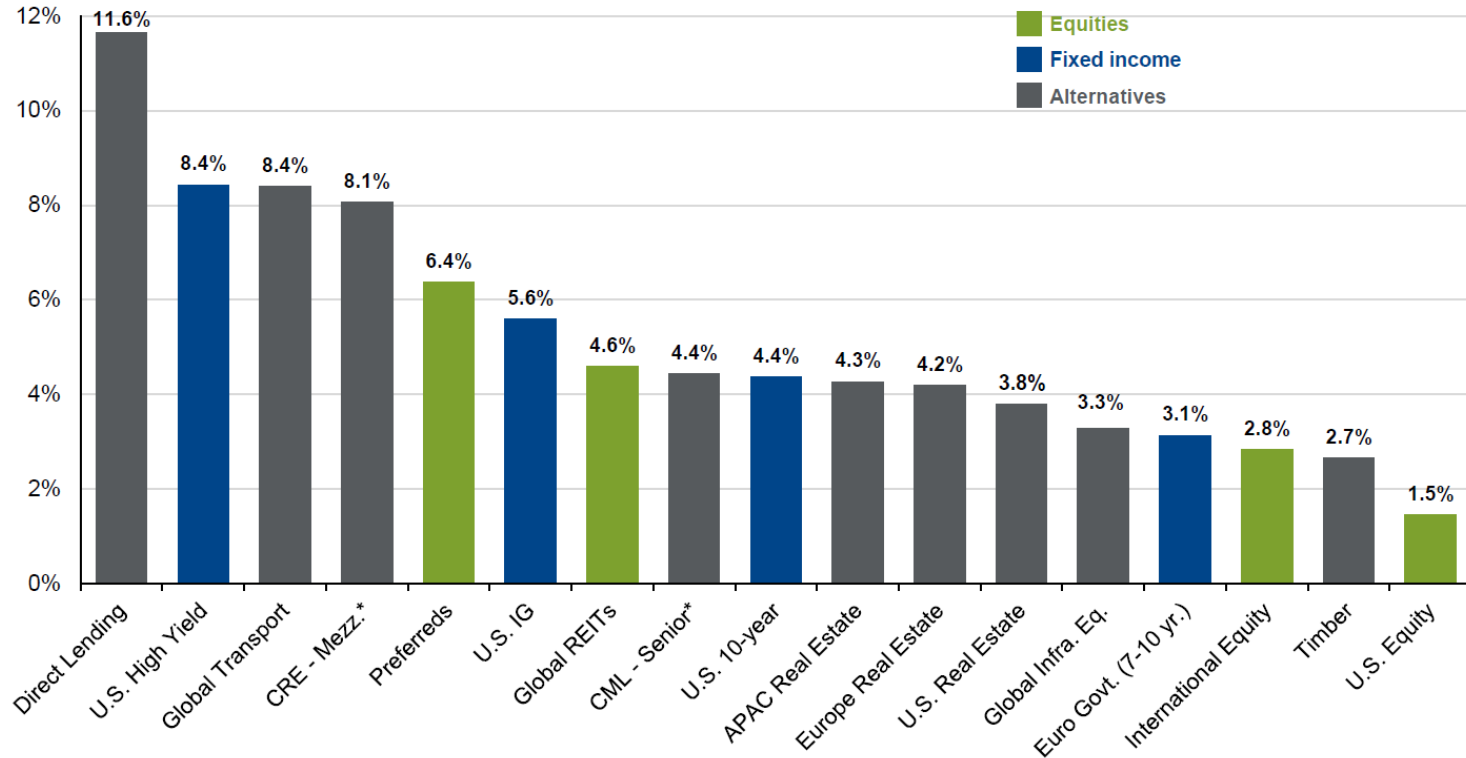


After being starved for years, investors can access yield in a variety of places.

After years of unattractive bond yields, easy monetary policy, and investors searching for income... investors find themselves with an abundance of options to choose from. The rapid escalation in rates by the Federal Reserve has given light to yields that haven't been seen in over a decade. With Money Market Funds yielding 5%+ during 2023, to direct lending being able to access low double-digit yields, income for the investor is now a driving force of many investment portfolios.

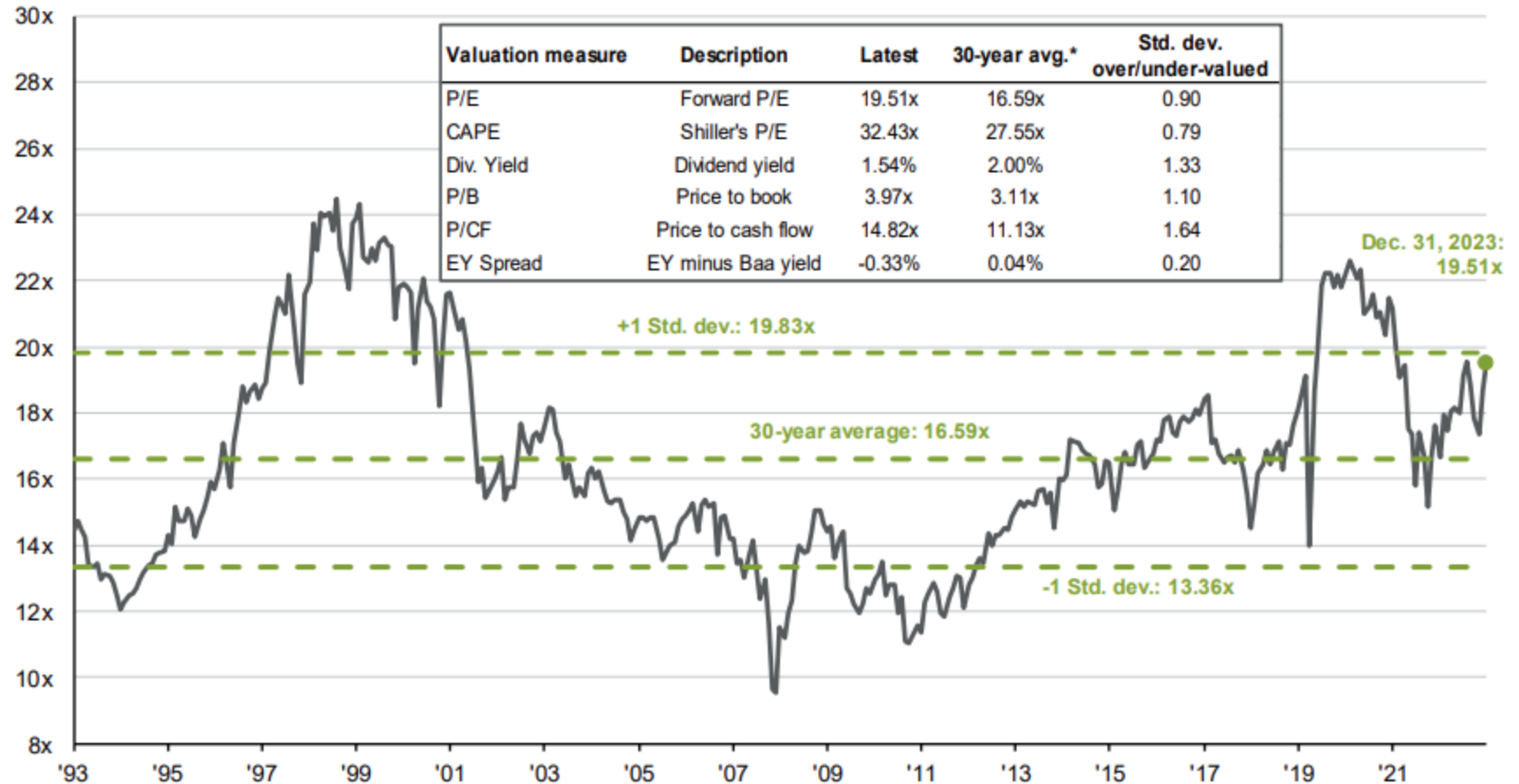
Asset class yields

Percent



In this context valuations are above average but not unreasonable.

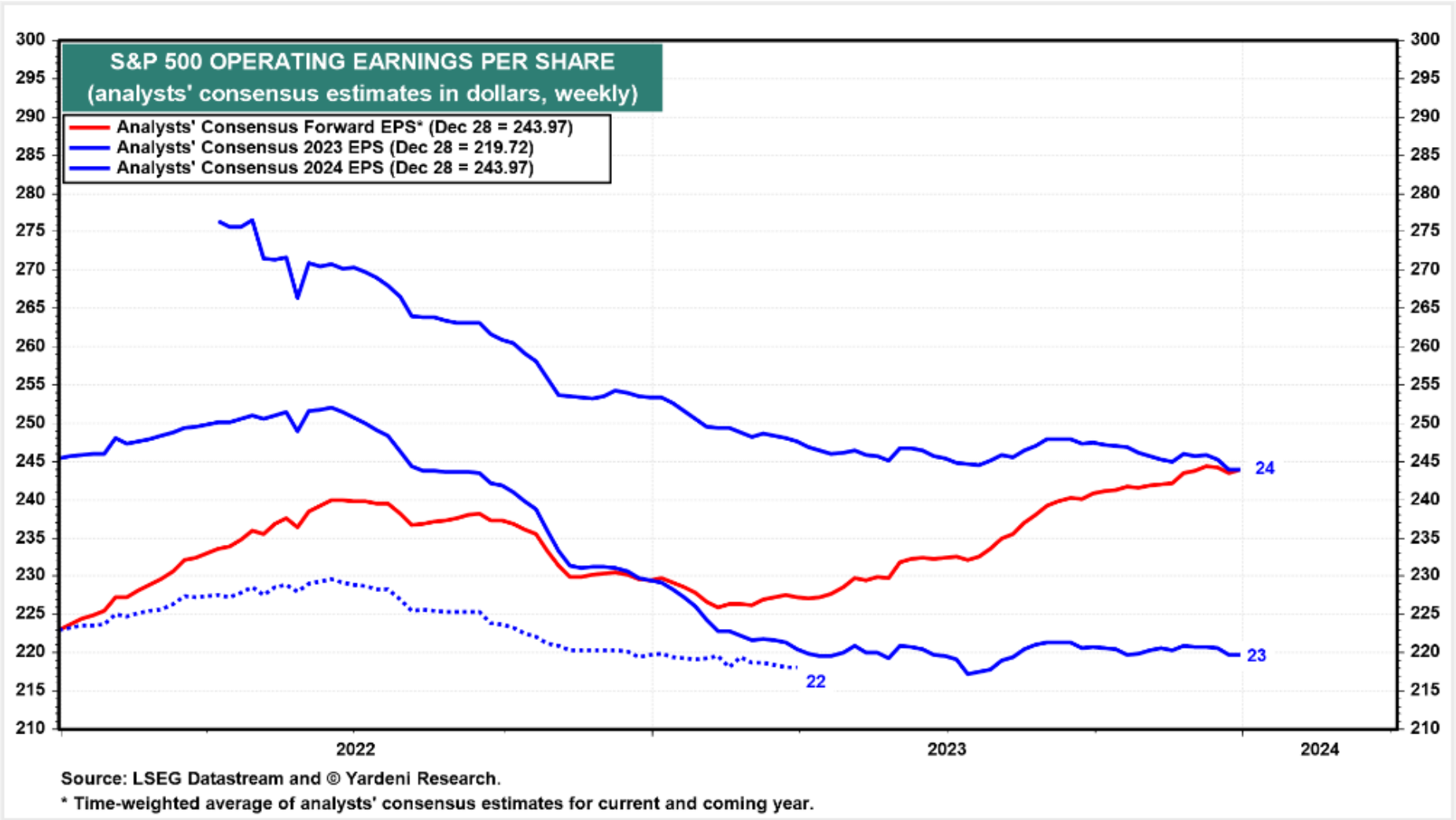
S&P 500 Index: Forward P/E ratio



Source: FactSet, FRB, Refinitiv Datastream, Robert Schiller, Standard & Poor's, Thomson Reuters, J.P. Morgan Asset Management.



2024 earnings expectations have stabilized



Source: Yardeni Research

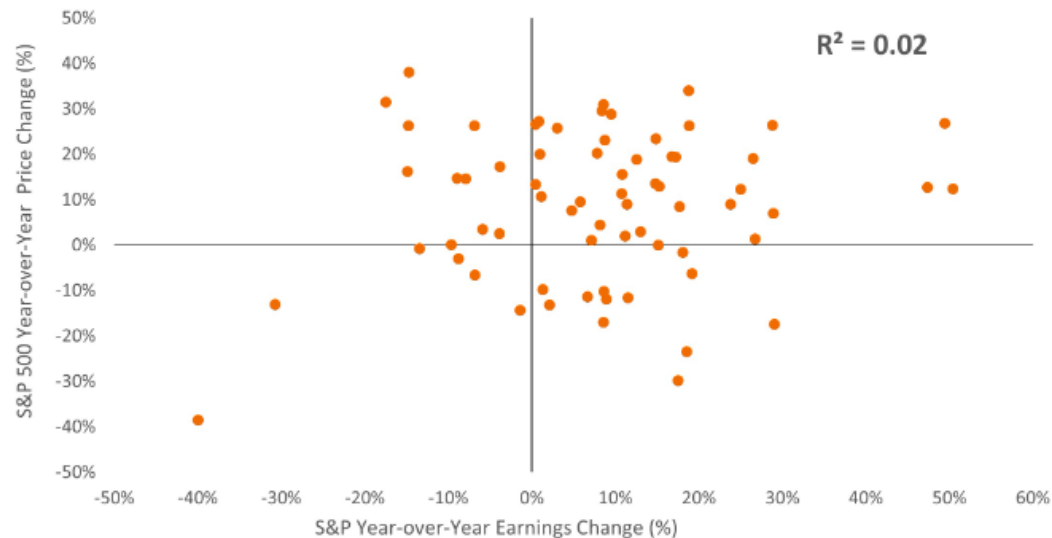
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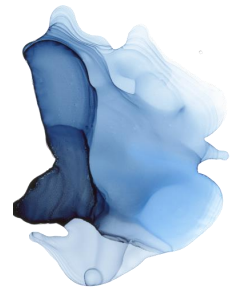
Analysts forecast a small gain for the S&P 500 in 2024, but that's impossible to predict

Average year end 2024 price target: **4,833 (2.7% total return)**

Exhibit 1: S&P 500 annual earnings change vs. price change (%)



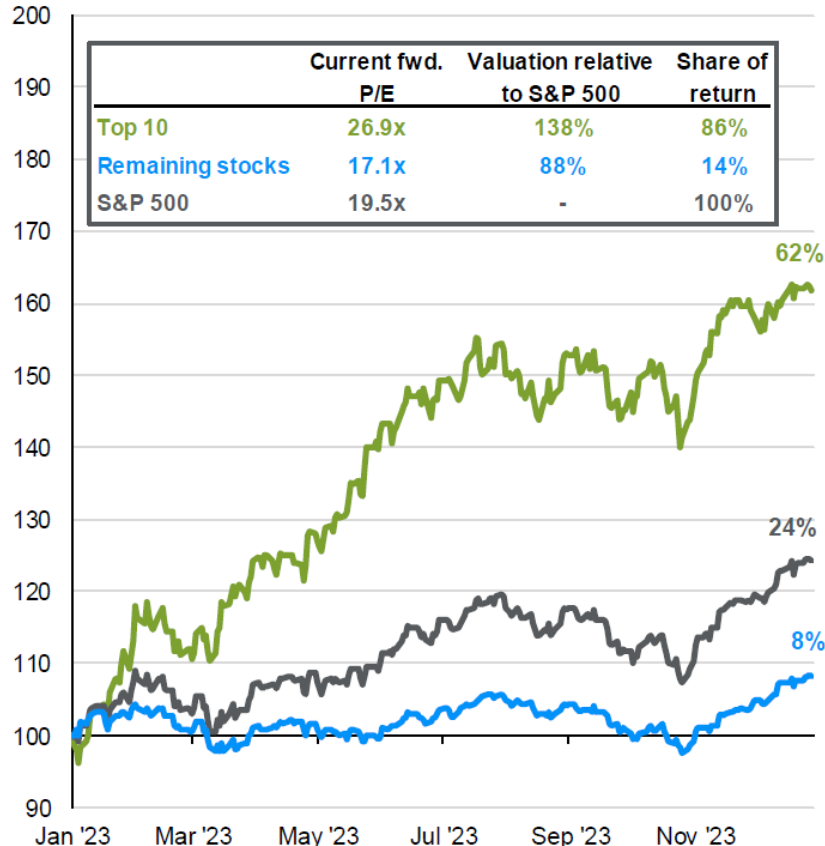
Source: Bloomberg, NYU Stern/Prof. Damodaran, as of 2 December 2022. S&P 500 Index price and earnings series from 1955 to 2022. All data points shown are for December 31 of each year, except for 2022 which is December 2 data. No transaction costs. R2 shown is the coefficient of determination between year-over-year changes in annual earnings and the S&P 500 Index; a value close to zero suggests that one-year earnings changes are not a good predictor of one-year stock price changes. **Past performance does not predict future returns.**



Top heavy equity performance

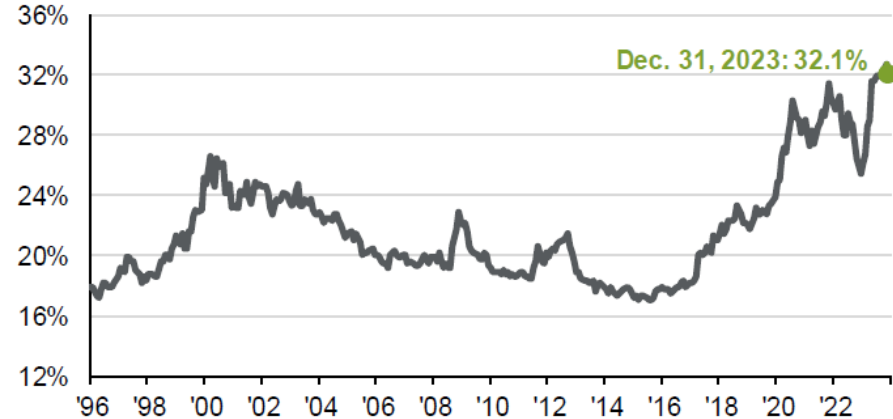
Performance of the top 10 stocks in the S&P 500

Indexed to 100 on 1/1/2023, price return, top 10 held constant



Weight of the top 10 stocks in the S&P 500

% of market capitalization of the S&P 500



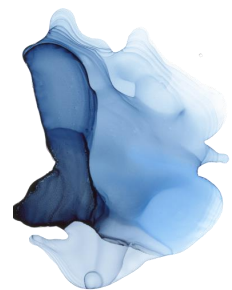
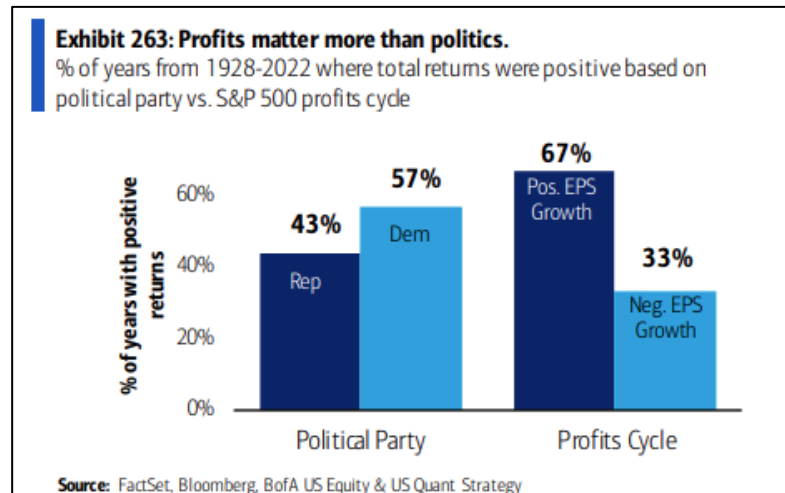
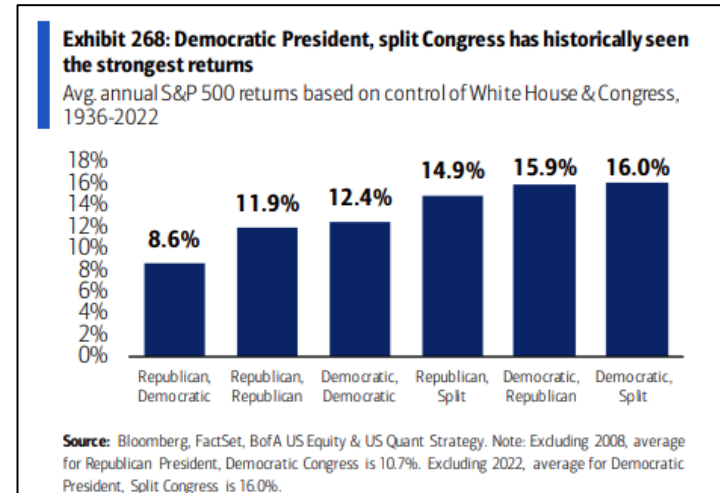
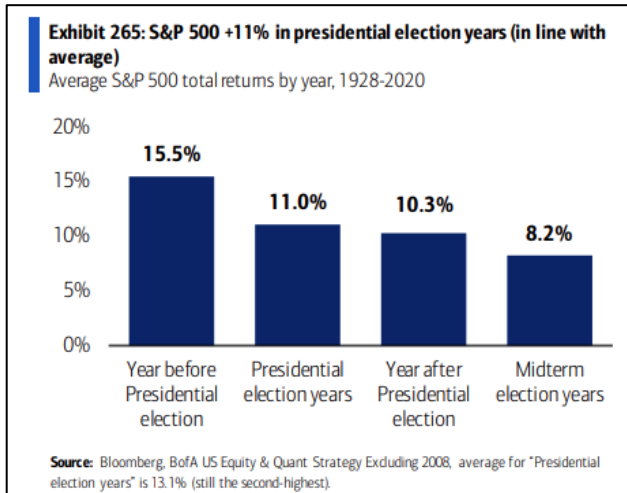
Source: FactSet, Standard & Poor's, J.P. Morgan Asset Management
 Top 10 stocks are: AAPL, MSFT, AMZN, NVDA, GOOGL, BRK.B, GOOG, META, XOM, UNH, and TSLA.

Market Performance During Election Years

Investors are typically better served by minimizing their use of political analysis. According to Bank of America, **profits have been a far more significant driver of S&P 500 returns than which party is in power.**

The **average S&P 500 return in presidential election years is 11%**, in line with the historical average.

Gridlock / split Congress has been the best backdrop for stocks, potentially because the likelihood of no changes to status quo removes uncertainty. In these regimes, S&P 500 annual returns averaged 16%.

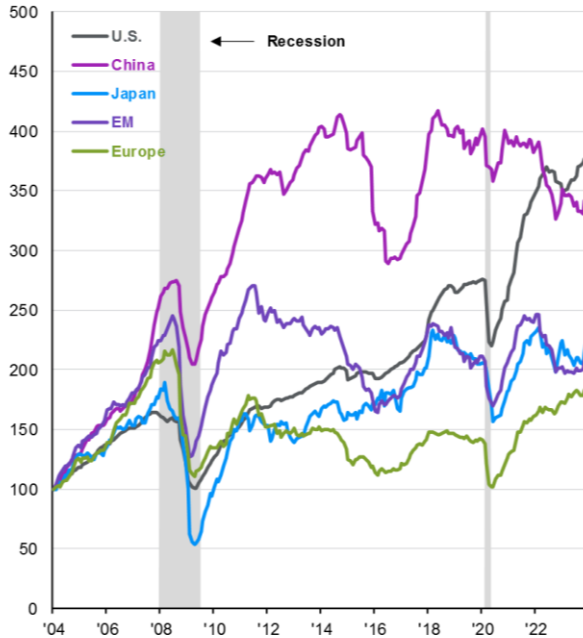


U.S. vs International

International equity earnings and valuations

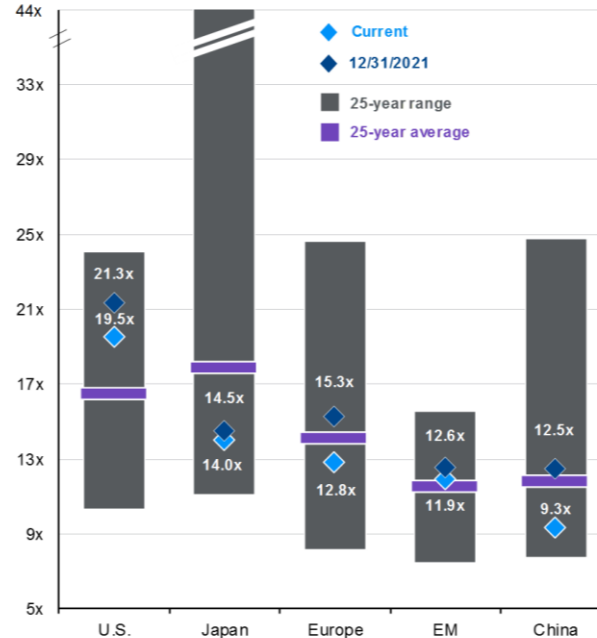
Global earnings estimates

Jan. 2004 = 100, next 12 months consensus estimates, U.S. dollars



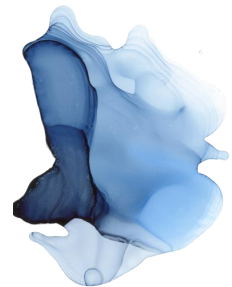
Global valuations

Current and 25-year next 12 months price-to-earnings ratio



Source: FactSet, MSCI, Standard & Poor's, J.P. Morgan Asset Management. Next 12 months consensus estimates are based on pro-forma earnings and are in U.S. dollars. MSCI Europe includes the eurozone as well as countries not in the currency bloc, such as Norway, Sweden, Switzerland and the UK (which collectively make up almost half of the overall index). Past performance is not a reliable indicator of current and future results. (Right) The purple lines for EM and China show 20-year averages due to a lack of available data. *Guide to the Markets - U.S.* Data are as of December 31, 2023.

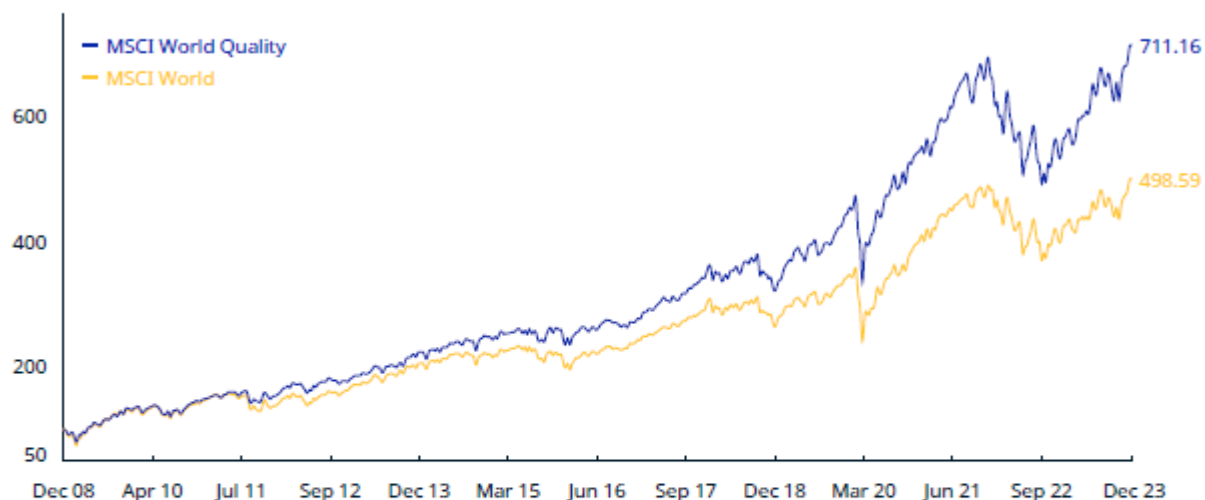
J.P.Morgan
ASSET MANAGEMENT



Is "Quality" still quality in equities?

The **quality factor** in investing refers to the tendency of high-quality stocks with typically more stable earnings, stronger balance sheets and higher margins to outperform low-quality stocks, over a long-time horizon. Research has shown that quality companies, those with **higher ROE, lower leverage, and more sustainable cashflows and earnings**, outperform lower quality companies over time.

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (DEC 2008 – DEC 2023)



ANNUAL PERFORMANCE (%)

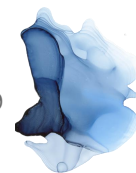
Year	MSCI World Quality	MSCI World
2023	32.97	24.42
2022	-21.90	-17.73
2021	26.10	22.35
2020	22.73	16.50
2019	36.70	28.40
2018	-5.06	-8.20
2017	26.64	23.07
2016	5.12	8.15
2015	4.25	-0.32
2014	9.01	5.50
2013	27.74	27.37
2012	13.66	16.54
2011	4.43	-5.02
2010	11.36	12.34

INDEX PERFORMANCE – GROSS RETURNS (%) (DEC 29, 2023)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Jun 30, 1994
MSCI World Quality	4.95	12.55	32.97	32.97	9.41	17.05	12.18	11.56
MSCI World	4.94	11.53	24.42	24.42	7.79	13.37	9.18	8.10

Source: MSCI as of November 30, 2023

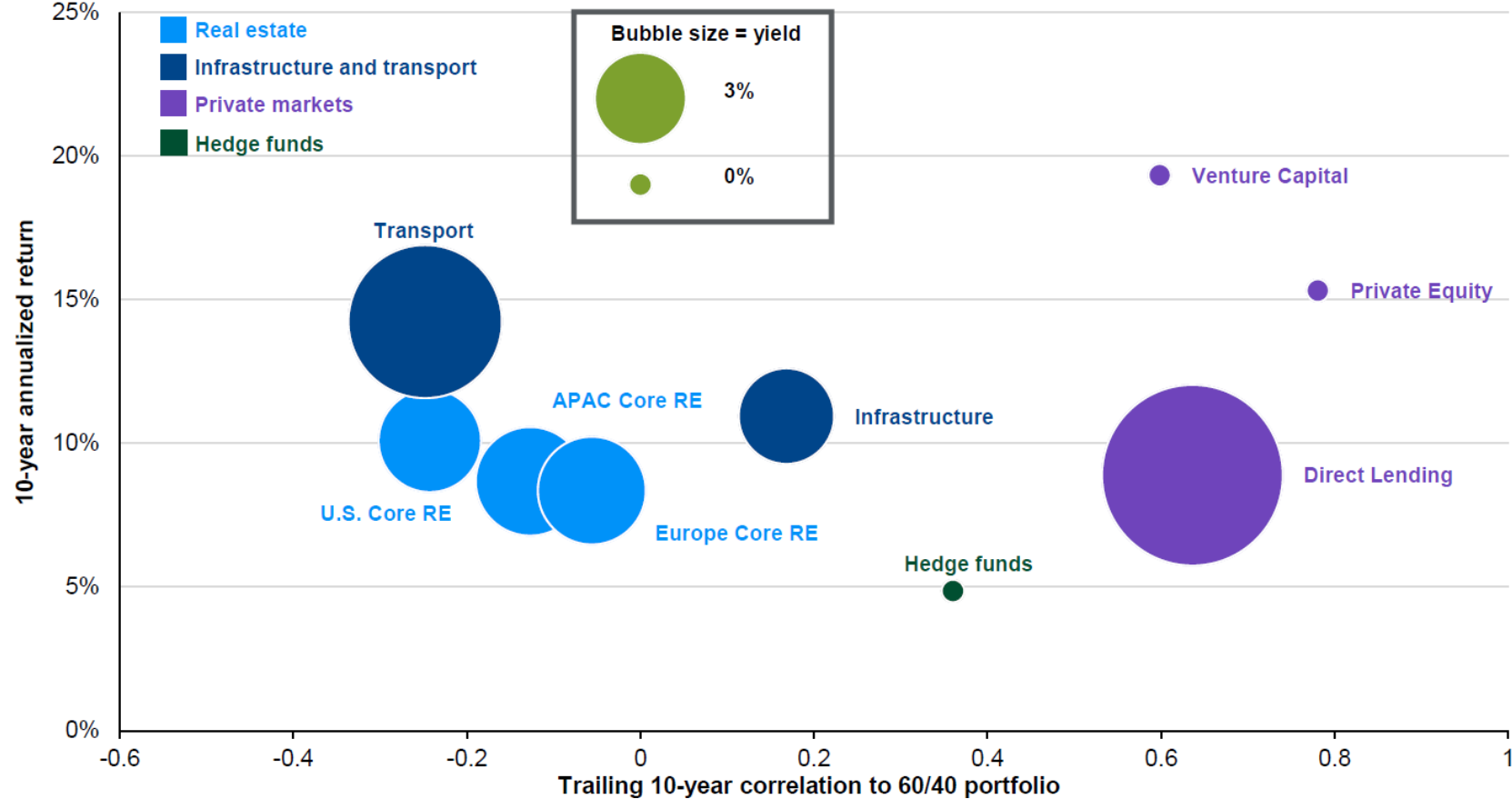
Past performance is not indicative of future results. Please see attached disclosures.



Alternatives offer alternative solutions

Correlations, returns and yields

10-year correlations and 10-year annualized total returns, quarterly, 2013 - 2022



Source: Burgiss, Cliffwater, Gilberto-Levy, HFRI, MSCI, NCREIF, FactSet, J.P. Morgan Asset Management. Correlations based on quarterly returns. 60/40 portfolio is comprised of 60% S&P 500 Total Return Index and 40% Bloomberg U.S. Aggregate Total Return Index.

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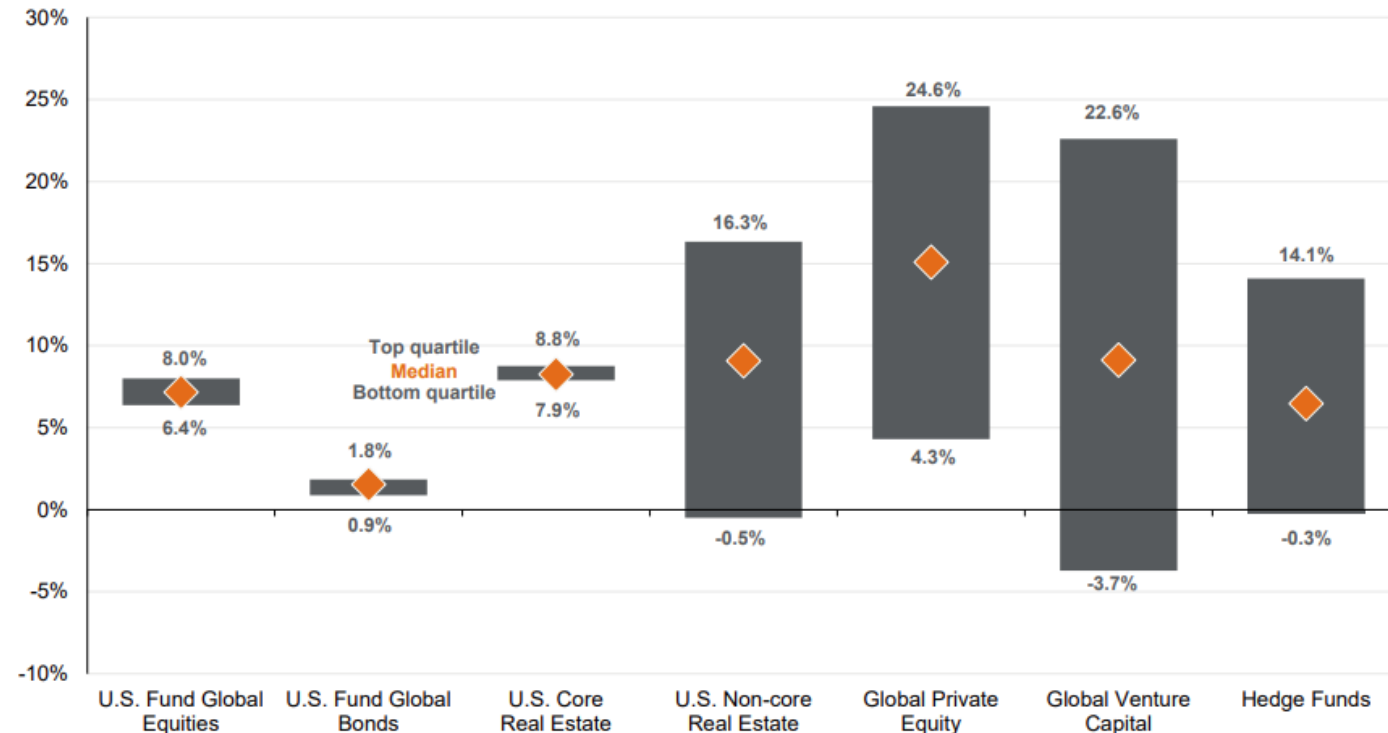
Manager selection continues to be paramount...especially in private markets.

Manager selection in public markets is always important, but it is crucial in private markets. This drives our philosophy to invest mostly passively within our public market allocations while focusing more on sourcing and analyzing opportunities in the private markets.

The return dispersion, as illustrated below, between the top and bottom quartile private fund managers over the last 10-years is vastly larger versus public markets. Given the illiquid nature, lack of public information, and longer time horizon, **private markets require strict and through due diligence** to select best in class managers for investments.

Public and private manager dispersion

Based on returns over a 10-year window*







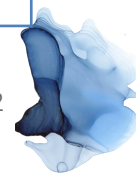
Source: Burgiss, Morningstar, NCREIF, PivotalPath, J.P. Morgan Asset Management

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Where do we go from here?

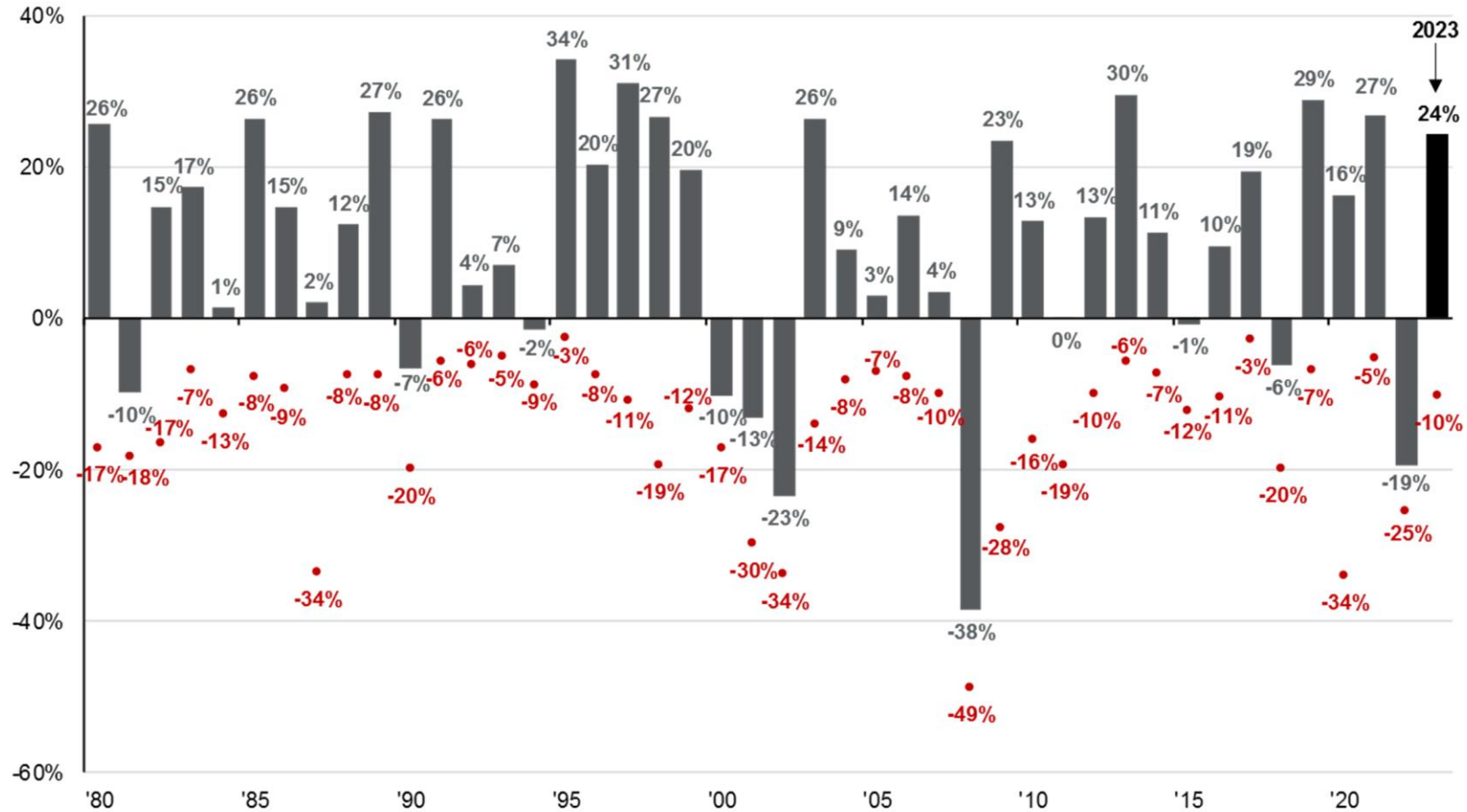
Asset Class	Outlook	Rationale
Cash		After seeing massive inflows into cash/money market funds following a historic Fed hiking cycle, yields on MMFs have stabilized in the 4-5% range, the highest we've seen in decades. We continue to view cash as a strategic position for liquidity management but expect yields to come down with interest rates cuts.
Fixed Income		Following years of low interest rates, fixed income now offers investors many options to capture yield. We expect the Federal Reserve has reached their terminal rate and may begin cutting as soon as March. We believe there remains numerous avenues for investors to achieve income goals through a combination of traditional and non-traditional fixed income. We have also recommended investors extend duration to take advantage of higher yields and future interest rate moves.
Equities		Defying most expectations, 2023 brought another 20%+ return for the S&P 500, its third in the last five years. As valuations have increased, we remain watchful for signs of stress, but are not recommending a strategic reduction in exposure. We continue to favor U.S. equities over international, and retain our overweight to the quality factor.
Alternatives		We continue to see numerous opportunities in the alternatives space to diversify portfolios and drive meaningful return for investors. Looking ahead, we are optimistic around results from the secondaries markets, especially venture capital and private credit, as well as select areas of real estate. We continue to remain cautious around hedge funds.



Drawdowns are frequent and should be expected, even in good years

S&P intra-year declines vs. calendar year returns

Despite average intra-year drops of 14.2%, annual returns were positive in 33 of 44 years



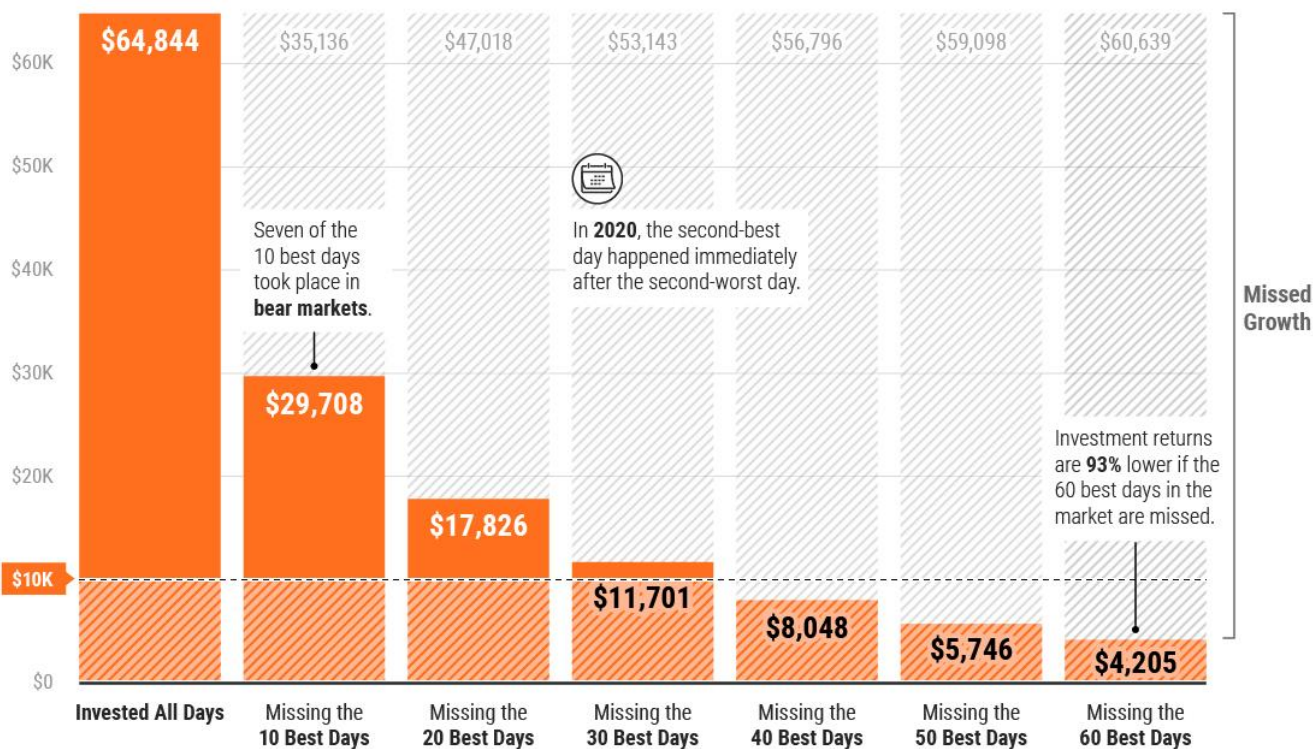
Source: J.P. Morgan Asset Management

Past performance is not indicative of future results. Please see attached disclosures.



The cost of timing the market can be steep

Value of \$10,000 Invested in the S&P 500 Jan 2003–Dec 2022

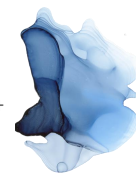


When Were the 10 Best Days in the Market? % Return



Source: Visual Capitalist

Past performance is not indicative of future results. Please see attached disclosures.



And a small number of stocks drive market returns

Distribution of excess lifetime returns on individual stocks vs. Russell 3000, 1980-2014

Number of stocks



Source: J.P. Morgan Asset Management

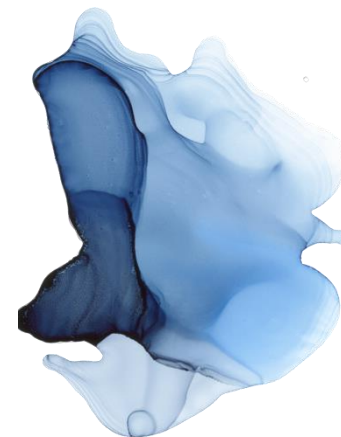
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“The first rule of compounding: Never interrupt it unnecessarily.” – Charlie Munger

		Growth of \$1mm						
		Compounding Period (Years)						
		1	5	10	20	30	40	50
Annual Return	3.9%	\$1,038,860	\$1,210,000	\$1,464,100	\$2,143,589	\$3,138,428	\$4,594,973	\$6,727,500
	4.9%	\$1,048,809	\$1,269,059	\$1,610,510	\$2,593,742	\$4,177,248	\$6,727,500	\$10,834,706
	6.6%	\$1,065,602	\$1,373,965	\$1,887,779	\$3,563,711	\$6,727,500	\$12,700,036	\$23,974,865
	10.0%	\$1,100,000	\$1,610,510	\$2,593,742	\$6,727,500	\$17,449,402	\$45,259,256	\$117,390,853
	21.0%	\$1,210,000	\$2,593,742	\$6,727,500	\$45,259,256	\$304,481,640	\$2,048,400,215	\$13,780,612,340
	46.4%	\$1,464,100	\$6,727,500	\$45,259,256	\$2,048,400,215	\$92,709,068,818	\$4.20E+12	\$1.90E+14
	572.7%	\$6,727,500	\$13,780,612,340	\$1.90E+14	\$3.61E+22	\$6.85E+30	\$1.30E+39	\$2.47E+47

This table shows the growth of \$1,000,000 over various time periods. The highlighted numbers show the return an investor needs to earn over various periods to equal a 10% annual return compounded over 20 years.



Estate and Gift Tax Planning Opportunities

Absent any action by Congress and the President, the increased Lifetime Unified Gift and Estate Tax Exemption is scheduled to sunset two years from now. **On January 1, 2026, the credit will be reduced from the current \$13,610,000 per person to approximately \$7,000,000 and the estate tax rate will increase from 40% to 45%.** Additionally, many of the provisions of the Tax Cuts and Jobs Act (TCJA) will expire as well. This means higher income tax rates and a lower Standard Deduction.

The Exemption amount is “use it or lose it,” meaning anyone who has previously created an estate plan should consider “topping off” any Trusts to fully utilize the higher Exemption amounts before they go down in 2026. We anticipate the exclusion amount will increase again in 2025 to the low \$14mm range. The annual gift tax exclusion (independent of the lifetime exclusion) is now \$18,000 per person per year. **Consider making annual gifts early in the year.** Creating and implementing a proper plan requires coordination between Sage Mountain and other professionals (attorneys, CPA's, etc) and a significant amount of time. **Anyone without a current estate plan should start that process with us as soon as possible before the rush to get them done before the end of 2025 begins.**

Super-funded 529 Plans are also a great planning opportunity. This strategy allows a taxpayer to front-load 5-years worth of annual exclusions ($\$18,000 \times 5$) to get \$90,000 out of their estate without dipping into their lifetime exemption. The spouse can do the same, resulting in a total of \$180,000 going into the 529 Plan. Anyone who has used this strategy in previous years when the annual exclusion amount was lower should remember to consider “topping off” up to the new \$18,000 limit. Any amounts not used by the original beneficiary can be transferred to other family members or used as a “Dynasty 529.”

There is also a new provision within the Secure Act 2.0 allowing unused 529 Plan money to potentially be rolled over to a Roth IRA. The rules for this provision are complex and have not been fully finalized by the IRS. Reach out to your Sage Mountain advisor for more details on this.





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Disclosures

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