

# The CEO Macro Briefing Book

Economic strength through a volatile political season

UBS Chief Investment Office GWM Paul Hsiao Jason Draho, Ph.D.



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Section 1

Insights in Brief



### Executive Summary: Economic strength in a volatile political season



#### Macroeconomic Outlook

- A good growth backdrop... Better-than-expected growth data, particularly from hiring and retail sales, has lifted Q3 GDP estimates over 3%, another quarter of above-trend growth. We expect growth will be sustained at a good pace, especially if real incomes continue to grow, while downsides risks appear lower.
- ...complicate the trajectory of rate cuts. Although we still forecast 50bps of rate cuts in Q4, the bar is not high for the Fed to skip a meeting if the labor market data shows no further weakness, and inflation surprises to the upside. While the pace of rate cuts may slow, we still expect the Fed to cut rates to ~3.5%.



#### Operating Environment

- Data revisions bolster assessment of consumers and labor market. Revised income data indicate that consumers are in better shape than assumed, making the recent robust spending appear sustainable. While the labor market continues to broadly cool, wages remain elevated, driving real income growth.
- Financing conditions return to historical norms while challenges remain for real estate. Financial conditions are accommodative compared to historical standards, as borrowing costs decrease and banks loosen credit standards while real estate market continues to face supply and financing challenges.



# Markets & Deal Activity

- Good macro has lifted equities, but that strength and election uncertainty is fueling rate volatility. Large rotations below the surface (e.g., cyclicals vs. defensives) are likely continue as the macro narrative evolves. Rates will stay choppy until election and Fed uncertainty is resolved, but they're still likely to decline.
- **Despite rate cuts, deal activity falls short of expectations.** Hopes for a sharp revival in deal-making with the start of rate cuts have proven premature. M&A activity remains sluggish, and the lack of exits continues to hinder private equity. IPO activity is modestly improving and should increase once uncertainty subsides.



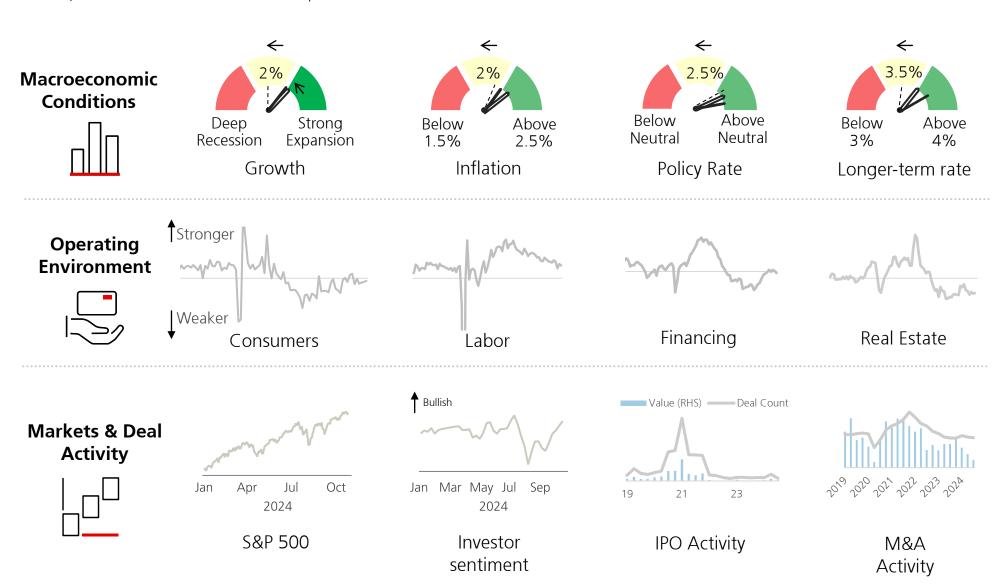
#### **Politics**



- The race has tightened, and UBS CIO puts even odds-on Trump and Harris. While the odds are evenly split between the two candidates, a Trump victory is likely to be accompanied by a Red Sweep, given the composition of Senate races this year. Conversely, a Harris victory would likely result in a divided government.
- **Best not to mix politics with portfolios.** A UBS InvestorWatch survey found significant anxiety among investors and business owners about the election. History shows that elections serve as a "risk clearing" event for equities, with performance driven more by macro and financial conditions than by election outcomes.

### Dashboard Summary: A stronger growth trend supported by rate cuts

Expected — Current — 6-months prior





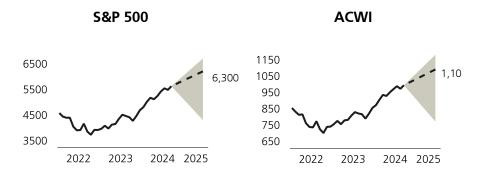
### Markets Dashboard: A good macro environment supports risk assets

Performance	Latest	YTD	Q224	Q124	2023
S&P 500	5854	22.7%	3.9%	10.2%	24.2%
Large Cap Growth	3949	30.3%	9.4%	12.6%	28.3%
Large Cap Value	1963	14.3%	-2.7%	7.4%	19.8%
US Small Cap	2234	10.5%	-3.6%	4.8%	15.1%
Int'l Developed Markets	1030	18.6%	2.8%	9.1%	19.5%
S&P 500 Sectors					
Energy	696	8.4%	-3.2%	12.7%	-4.8%
Materials	608	13.4%	-4.9%	8.4%	10.2%
Industrials	1162	21.6%	-3.3%	10.6%	16.0%
Consumer Discretionary	1588	11.8%	0.4%	4.8%	41.0%
Consumer Staples	881	14.7%	0.7%	6.8%	-2.2%
Healthcare	1763	10.9%	-1.4%	8.4%	0.3%
Financials	785	25.4%	-2.4%	12.0%	9.9%
IT	4589	34.5%	13.6%	12.5%	56.4%
Utilities	413	28.8%	3.9%	3.6%	-10.2%
Real Estate	275	9.2%	-2.8%	-1.4%	8.3%
	2246	4.70/	0.40/	4.00/	4.40/
US Gov't	2316	1.7%	0.1%	-1.0%	4.1%
Munis	1344	1.7%	0.0%	-0.4%	6.4%
TIPS	350	3.2%	0.8%	-0.1%	3.9%
Agency	122	3.4%	0.6%	-0.3%	5.4%
US IG	3324	3.2%	-0.1%	-0.4%	8.5%
US HY	2672	7.7%	1.1%	1.5%	13.4%
Oil	72.2	-1.5%	-2.0%	16.1%	-10.7%
Gold	2746	31.8%	4.3%	8.1%	13.1%
USD	104	2.6%	1.3%	3.1%	-2.1%
EUR	1.08	-2.0%	-0.7%	-2.3%	3.1%
JPY	151	6.9%	6.3%	7.3%	7.6%
EM FX	1766	1.5%	-0.1%	-0.9%	4.8%

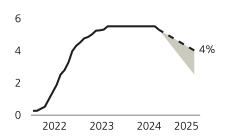
Source: Bloomberg, UBS, as of 22 October 2024

Negative Positive

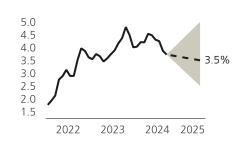
#### June 2025 UBS CIO Forecasts



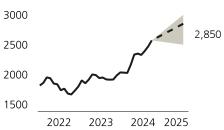
#### Federal Funds Rate (%)



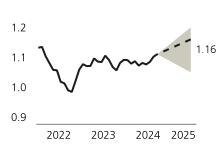
#### 10Y Treasury Yield (%)



Gold



**EUR** 





Section 2

## Macroeconomic Outlook



### Macro Key Points: A benign economy, with fewer downside risks



A benign growth environment and a more positive outlook toward year-end. The Atlanta Fed GDP tracker expects another quarter of >3% above-trend growth thanks to the resiliency of the consumer. The data revisions indicate stronger fundamentals than assumed, and with positive real income growth trends, we believe the downside risks for the economy now appear to be lower.



**Inflation cooling closer to target.** Higher frequency readings of inflation continue to indicate that price growth continues to cool, demonstrating progress in disinflation within the services sector as shelter costs ease. Further moderation in wage growth supports a decline in inflationary pressures and strengthens the case for additional rate cuts.



**Stronger data complicates the Fed's rate cut plans.** After the first rate cut, notable data releases, like the blowout September jobs report, reduced rate cut expectations because the economy is still performing well at these restrictive levels. Even if the Fed follows through with 100bps of cuts in both 2024 and 2025, we believe that the policy will still be "neutral" and not overly accommodative.

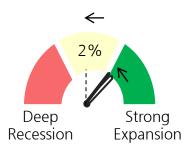


**More confidence in a "Roaring '20s" scenario.** The economy continued to grow above-trend and may continue this pace with more rate cuts in the pipeline. An acceleration in Al investment and broader adoption of the technology is likely to create a positive supply-side shock, which may increasingly serve as a significant growth driver in the intermediate term.



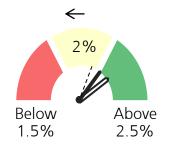
### Macro Dashboard: A stronger growth backdrop toward year-end

Expected — Current — 6-months prior





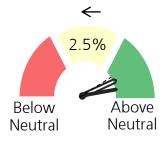
 Growth data flow has notably improved compared to the summer growth scares. Q3 likely to be another above-trend quarter before softening through the winter.





#### **Inflation**

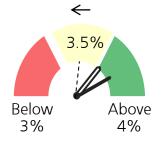
 Key inflation gauges show continued progress to Fed's target, supporting the case for further rate cuts.





#### Fed funds rate

Fed started its series of rate cuts with a 'jumbo' 50bp in September. Better data flow has reduced expectations of another 50bp through 2024, but the direction of travel is set.





#### 10-year yield

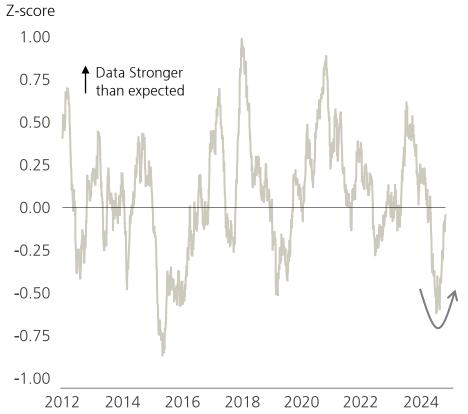
After spending August and September trending lower, yields returned above 4% in October keeping yields relatively range-bound on better data flow.



### Growth: Data flow has significantly improved since summer slowdown

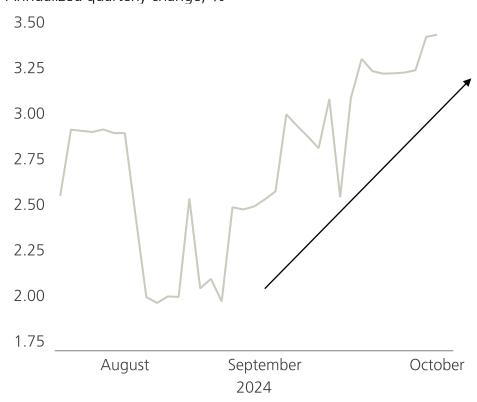
Growth data has been surprising to the upside since the summer and Q3 looks to print another above-trend GDP report.

#### Bloomberg's ECO surprise index almost back to "neutral"



Source: BEA, Federal Reserve, UBS, as of 24 October 2024

### Atlanta Fed GDP Tracker implies a very strong Q3 GDP print Annualized quarterly change, %



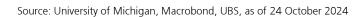
Source: BEA, Federal Reserve Bank of Atlanta, UBS, as of 24 October 2024



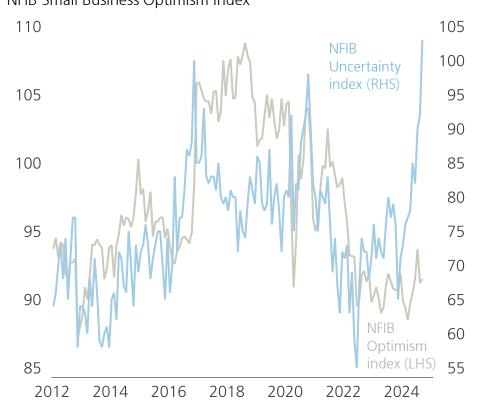
### Growth: Households and small business sentiment still gloomy

Ahead of the election, household and small business confidence is much lower than what current macro conditions would suggest.

### K-shaped consumer sentiment has appeared University of Michigan Consumer Sentiment Index Top income tertile income tertile



## **Small business uncertainty at all time high hampers optimism**NFIB Small Business Optimism Index



Source: NFIB, Macrobond, UBS, as of 24 October 2024



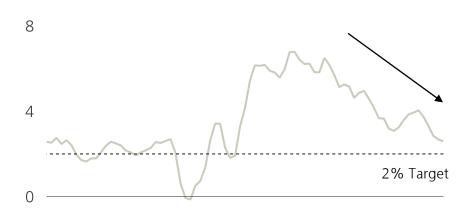
### Inflation: Solid disinflation progress giving Fed green light to cut more

Core inflation is making notable progress toward Fed's target as services inflation continues to cool and goods inflation returns to pre-pandemic trend.

#### Core CPI essentially back to Fed's target

Core CPI inflation, 6M annualized %

12

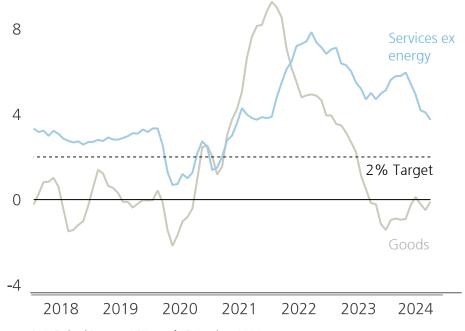




Source: BLS, Federal Reserve, UBS, as of 15 October 2024

Services inflation lowest in years as goods are deflationary Core CPI inflation, 6M annualized %

12



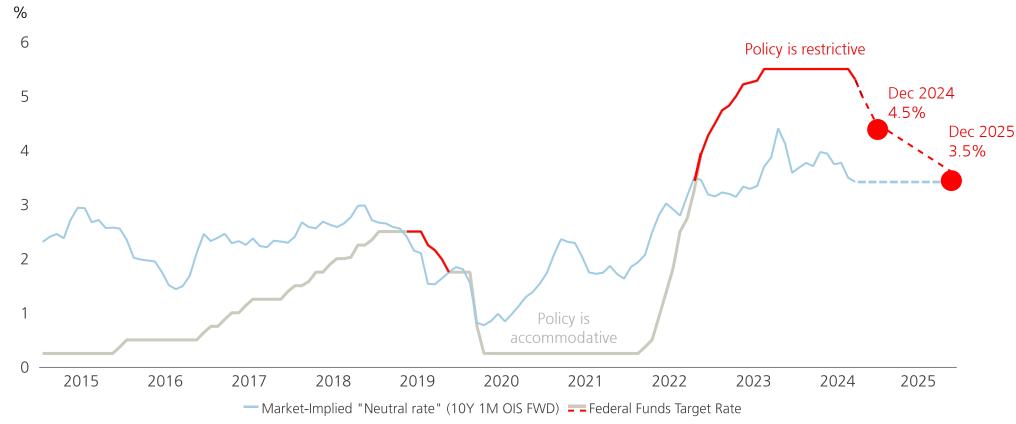
Source: BLS, Federal Reserve, UBS, as of 15 October 2024



### Rates: Fed has signaled a clear downward direction for rates

Even with ~150bp of additional cuts through the end of 2025, policy rates are likely to still only be around neutral, giving the Fed more options should a recession appear.

#### Federal Funds Rate and 10Y 1M Forward with UBS CIO forecast



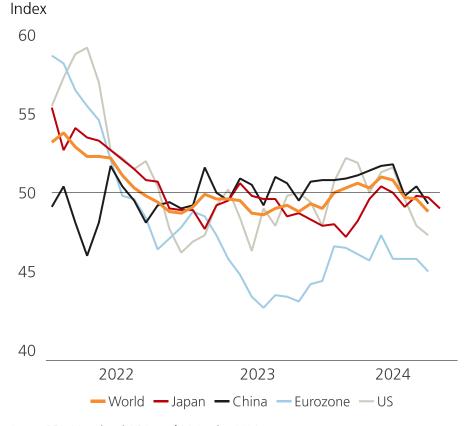
Source: Bloomberg, UBS as of 24 October 2024



### Rates: It's a global rate-cutting cycle among central banks

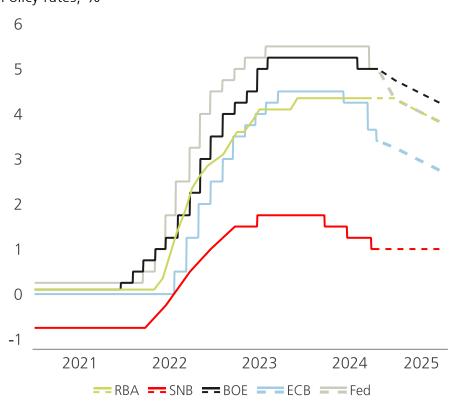
Global manufacturing staying in a slump in Q4 increases the odds of more rate cuts to come from a variety of central banks throughout 2024 and 2025.

### Global PMIs show a softer global backdrop



Source: BEA, Macrobond, UBS, as of 24 October 2024

## Fed joins many other central bank cutting rates this year and next Policy rates, %



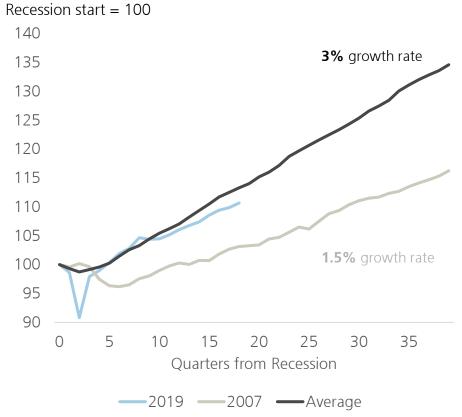
Source: Bloomberg, Macrobond, UBS, as of 24 October 2024



### "Roaring '20s": Current recovery looking like the historical average...

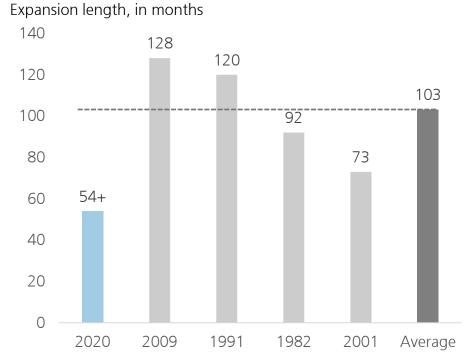
Real GDP growth in the current cycle is aligning with the historic average ~3% growth trend. When combined with a slightly higher-than-2% inflation rate, growth may stabilize at a 5% nominal level.

#### **Current growth trend looks much more like average**



#### Source: BEA, Federal Reserve, UBS, as of 24 October 2024

#### **Current expansion is not particularly old**

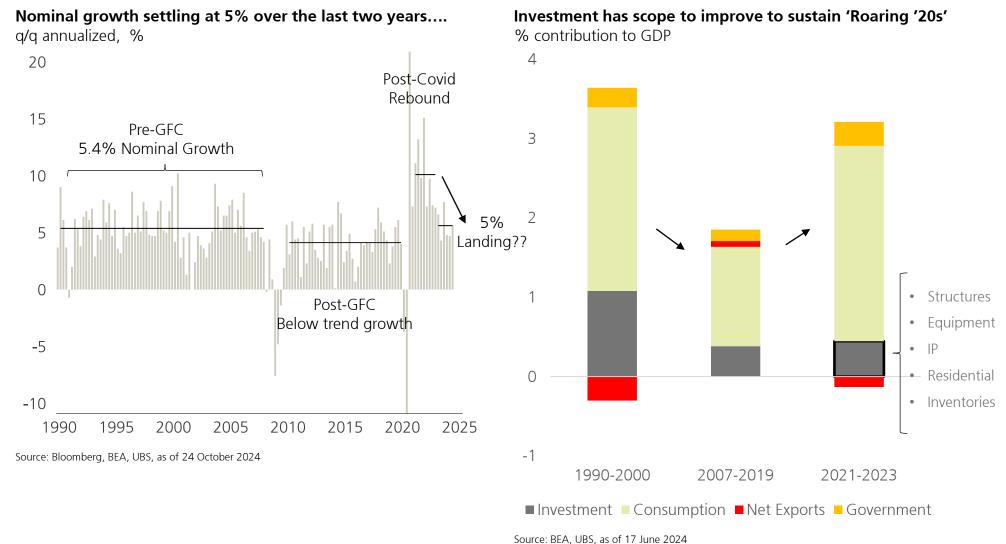


Source: NBER, UBS, as of 24 October 2024



### "Roaring '20s": ...which is a 5% landing

It is possible that the US economy has established a new, faster nominal growth trend compared to the post-global financial crisis (GFC) recovery, which could accelerate with a resurgence in investment.

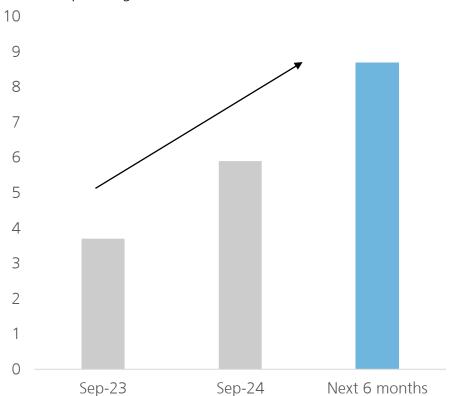




### "Roaring '20s": Al adoption is a positive, if uncertain, supply-side shock

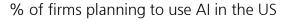
Al investment has already made a positive contribution to overall GDP, and broader adoption across various industries could result in a productivity boom.

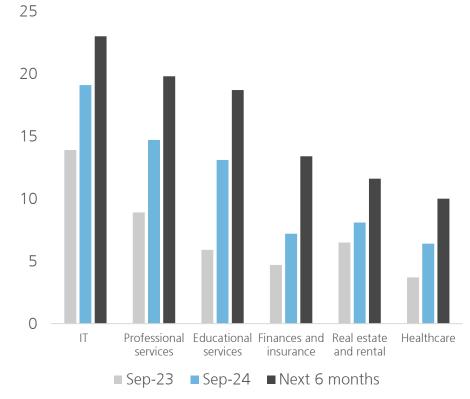
# **Firm Al adoption is increasing** % of firms planning to use Al in the US



Source: UBS as of 24 October 2024

#### And AI adoption is led by six industries





Source: UBS as of 24 October 2024

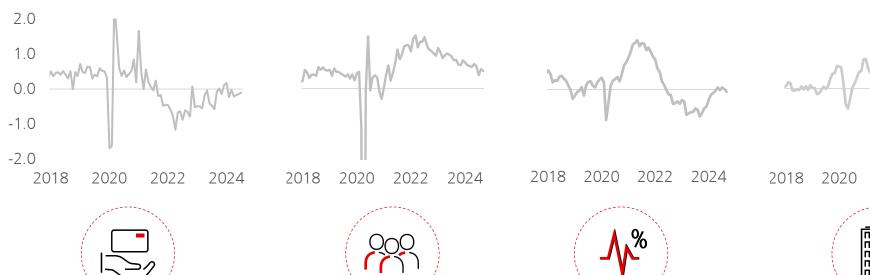


Section 3

# Operational considerations



### Operating Environment Dashboard: Broadly normalizing



#### **Consumers**

 Personal spending is robust despite a modest erosion in household fundamentals; sentiment remains unusually low but may pick up after the election.

#### Labor

The labor market has cooled from the very tight levels seen in 2022 and 2023 yet remains historically healthy akin to levels seen in the immediate pre-pandemic environment.

### **Financing**

 Financing conditions have improved thanks to loosening credit standards, strong market performance, and confidence of lower rates ahead.



2022

Stronger

Weaker

2024

#### **Real Estate**

 The real estate sector is still sluggish and operating below pre-pandemic levels.
 Residential activity is held up by still-high mortgage rates while commercial sales are broadly still struggling.

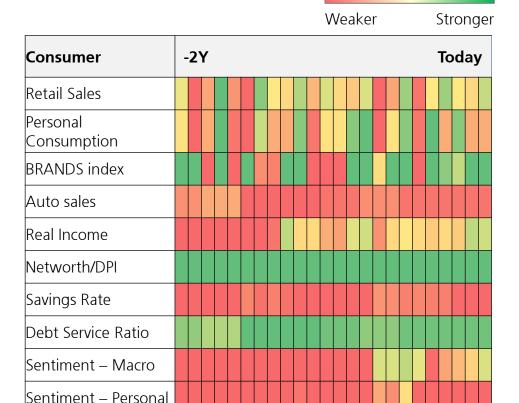


Section 3.1

## Consumer



### Consumer Key Points: Households stronger than previously thought



Note: "Retail sales" is measured by the monthly change of the control group; "Personal Consumption" refers to the yearly change in the real PCE; "DPI" stands for "disposable personal income", "Sentiment – Macro / Sentiment – Micro " refers to the business outlook and personal finance subcomponents of the University of Michigan's consumer sentiment survey Source: Bloomberg, BLS, Federal Reserve, UBS, as of 24 October 2024

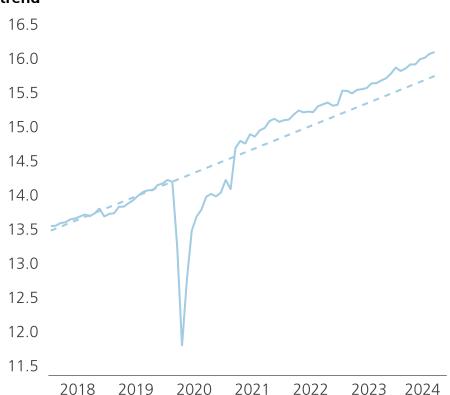
- Consumer spending is driving above-trend growth. The latest retail sales figures exceeded expectations, leading to an increase in Q3 GDP forecasts. Looking at the broader picture, personal spending remains significantly above the pre-pandemic trend, stabilizing around a 3% real growth rate.
- Recent data revisions present a more optimistic picture for consumers. An updated BEA analysis of consumer income estimates reveals that households received nearly \$1 trillion more than previously estimated, as adjustments were made to payments from business income, interest, dividends, and compensation. Consequently, the savings rate now aligns more closely with historical norms, alleviating concerns about potential weaknesses in consumer spending.
- Household fundamentals still robust. Metrics that track the balance sheets of households indicate the strongest levels in years, supported by consistent real income growth in a still-tight labor market.
- **Sentiment still gloomy.** Above-target inflation over the past few years continues to impact consumer sentiment, as concerns about affordability overshadow wage gains.



### Spending: Consumption keeps its post-pandemic strength

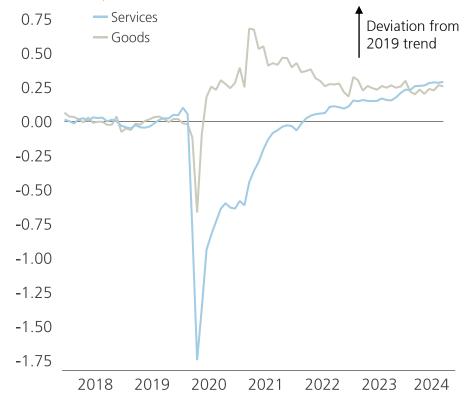
The continued strength of the consumer has helped keep American growth above-trend; after years of lagging, services spending is now running faster than goods spending.

### Real personal spending runs faster than the pre-pandemic trend



Source: BEA, UBS, as of 24 October 2024

## Spending on services now exceeds above-trend goods spending 2017 US tril.\$,

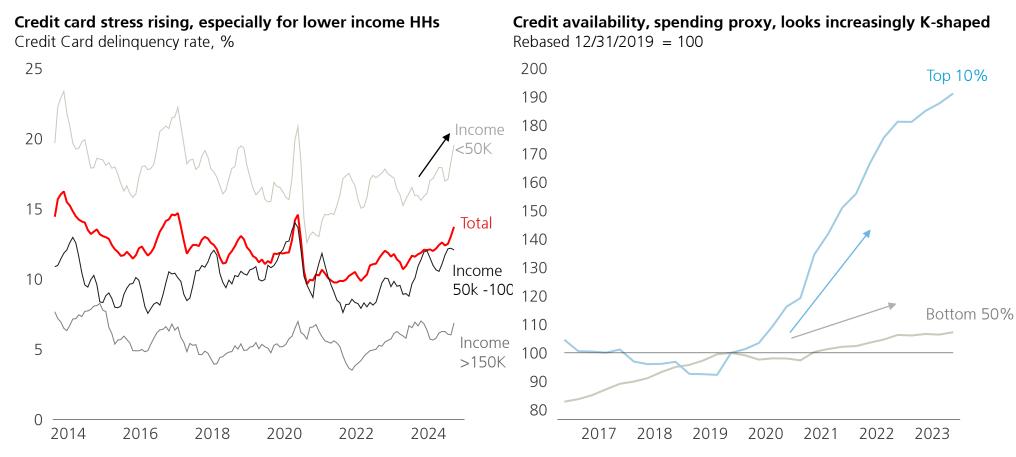


Source: BEA, UBS, as of 24 October 2024

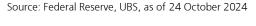


### Sentiment: "K-shaped" household sector taking hold

Lower income households may benefit the most from lower rates and continued real-income gains; higher income spending is increasingly powering retail spending.



Source: University of Michigan, UBS, as of 24 October 2024

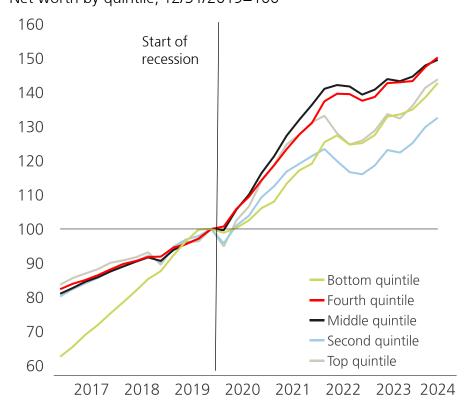




### Income: Consumer spending powered by stronger balance sheets

Both household balance sheets and real income trends are much stronger than their pre-pandemic trends, underpinning consumer strength.

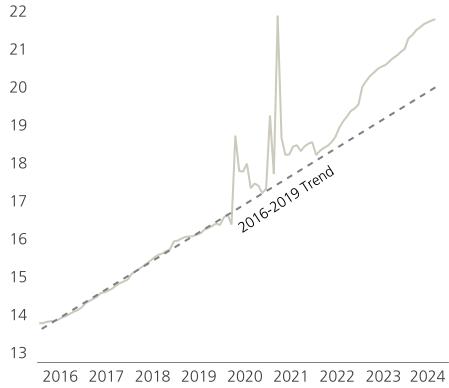
#### The median American's net worth up ~50% since 2019 Net worth by quintile, 12/31/2019=100



Source: Federal Reserve Bank, UBS, as of 22 October 2024

#### Rising income driving robust personal spending





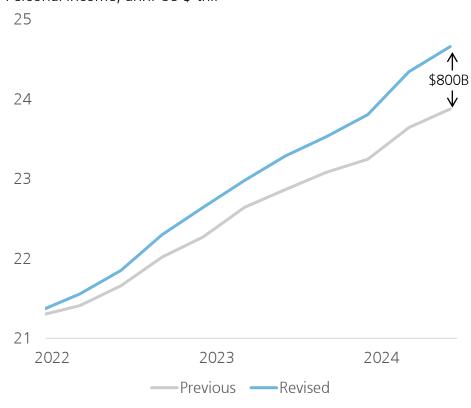
Source: BEA, UBS, as of 24 October 2024



### Income: Revisions show healthier consumer than previously thought

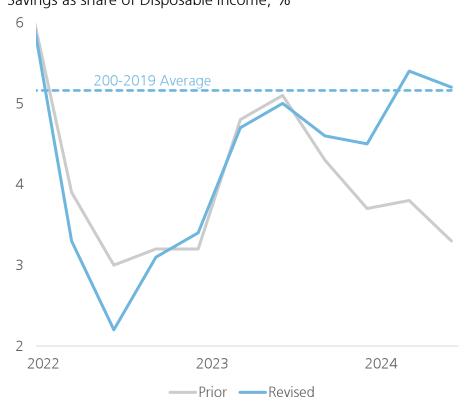
An updated look at income numbers explains why spending has held up so well as consumers earned nearly \$1 trillion more and saved a much larger portion of it than previously thought.

## **Prior reports underestimated nearly \$1T of household income** Personal income, ann. US \$ tril.



Source: BEA, UBS, as of 24 October 2024

#### Revised savings rate trending in line with historical norms Savings as share of Disposable income, %



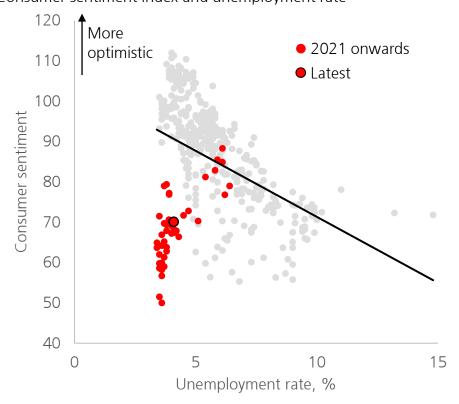
Source: BEA, UBS, as of 24 October 2024



### Consumer: Sentiment still unusually weak but improving

Affordability anxiety affecting consumer sentiment will take some time to unwind, depending on the pace of disinflation and path of the Fed's rate cuts.

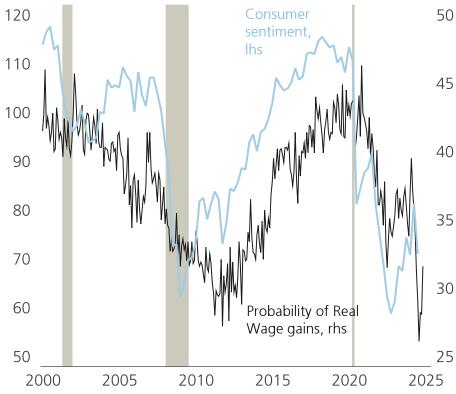
#### Consumer sentiment should be higher with this labor market Consumer sentiment index and unemployment rate



Source: University of Michigan, UBS, as of 24 October 2024

### But affordability concerns are top of mind for households





Source: University of Michigan, UBS, as of 24 October 2024

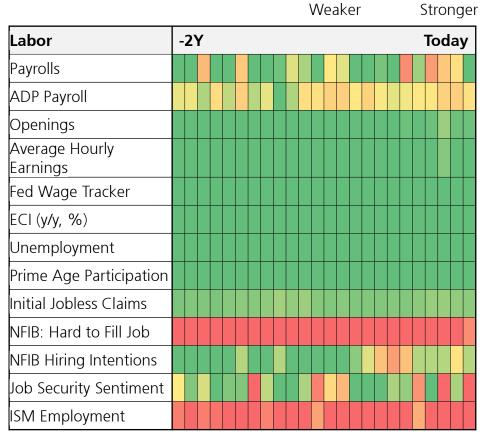


Section 3.2

# Labor



### Labor Key Points: Cooling but still strong



Note: "Payrolls" is represented by 1-month change of non-farm payrolls; "Openings" is represented by share of job openings relative to employment; ECI refers to the yearly change in the employment cost index; "Unemployment" is represented by the unemployment rate; "Prime Age Participation" is represented level of prime age (25-55) labor force participation Source: Bloomberg, BLS, Federal Reserve, UBS, as of 24 October 2024

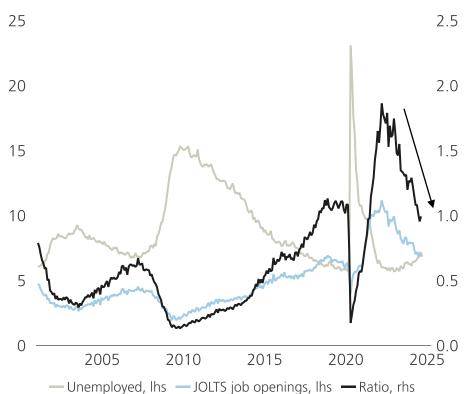
- The labor market continues to cool. The extreme tightness following the pandemic has eased, and labor market conditions are now slightly softer than pre-pandemic levels.
- A blowout September jobs report counters the narrative of a rapidly cooling labor market. September's jobs report managed to exceed even the most optimistic of forecasters, coming in contrast to a broad set of cooler labor market data. Expect more skepticism on continued rate cuts if hiring stays at this hotter pace.
- Wage growth is easing, and demand for part time is rising. Employers are less willing to pay up to attract workers from other firms and are looking to part-time workers to fill vacancies.
- Ignore the Sahm Rule for now; layoffs are still limited. The recent rise in the unemployment rate has triggered the Sahm Rule, historically a predictor of recession. Yet layoffs and jobless claims remain historically low and not indicative of significant labor market stress for the time being.



### Labor Demand: Cooling from white-hot levels

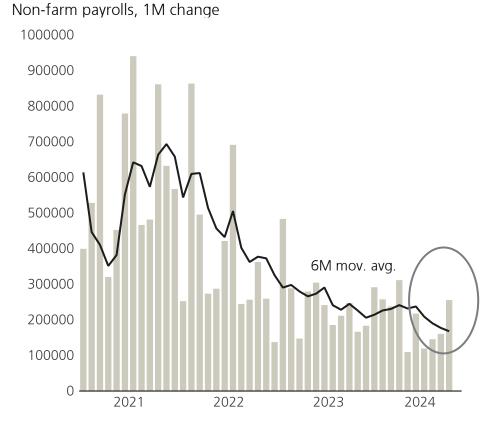
The job openings to unemployed ratio has return to pre-pandemic levels, while blowout September jobs report counters a broader slowing hiring trend.

### Job Openings / Unemployed ratio back to pre-pandemic range in millions and ratio



Source: BLS, Macrobond, as of 22 October 2024

### Too soon to call blowout Sept jobs report a trend change



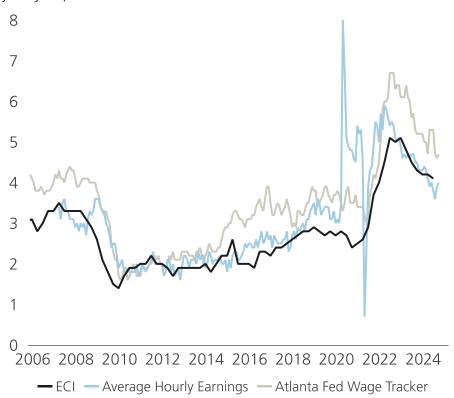
Source: BLS, Macrobond, as of 22 October 2024



### Wages: Slowing wage growth paves way for rate cuts

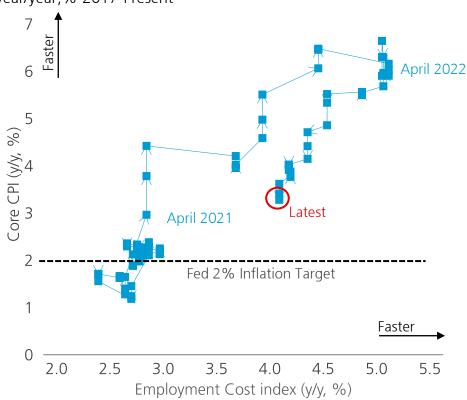
Continued wage cooling helps increase the odds of sustained rate cuts from the Fed; current levels of wage growth runs faster than inflation, supporting household spending.

## Various wage indicators show slower but still-strong growth year/year, %



Source: Federal Reserve Bank of Atlanta, BLS, BEA, UBS as of 24 October 2024

### **Slower wage growth consistent with further disinflation** year/year,% 2017-Present



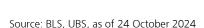
Source: BLS, UBS as of 24 October 2024

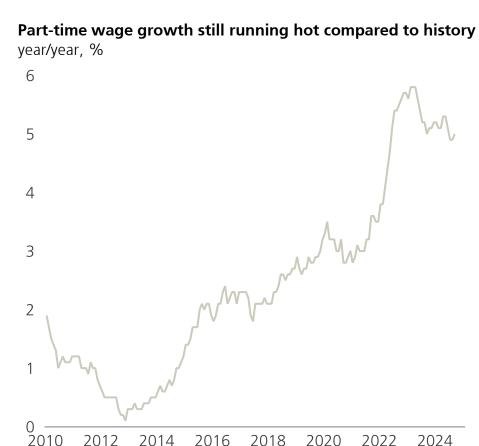


### Labor Supply: Fewer people quitting, part-time demand still strong

While layoffs haven't surged, firms are less likely to pay a premium for people currently in the work force while firms are increasingly looking to hire part-time workers.

### Wage premium for switching jobs is declining 3.0 Quits rate 2.5 2.0 1.5 1.0 0.5 0.0 Wage premium for job switchers -0.5 (3M mov. avg.) -1.0 2000 2005 2010 2015 2020 2025



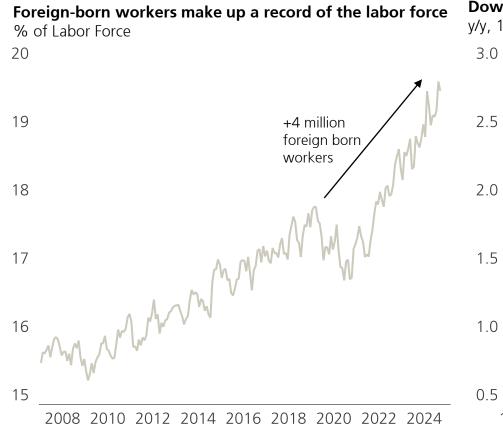




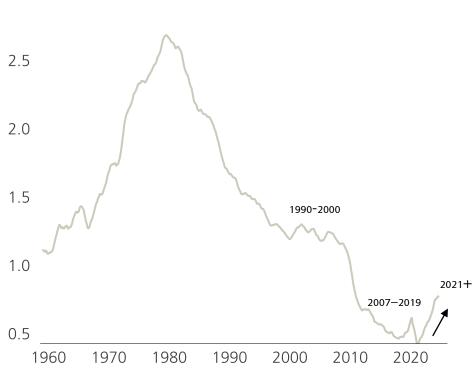


### Labor Supply: Immigrants bolster sluggish labor force growth

There are 4 million more foreign born workers in the US labor force compared to pre-pandemic levels, helping reverse a decades long-decline in overall labor force growth.



**Downward labor force growth reversing trend thanks to immigration** y/y, 10Y mov. Avg., %



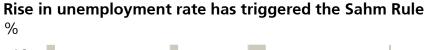
Source: CBO, UBS, as of 17 October 2024

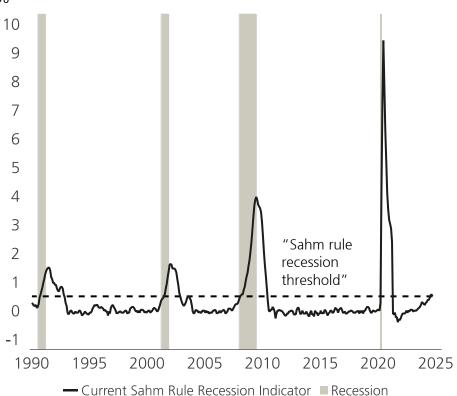


. Source: BLS, UBS, as of 17 October 2024

### Unemployment: Despite Sahm Rule trigger, layoffs still very low

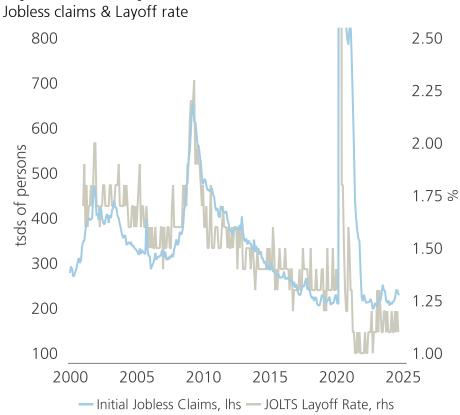
Even with a quick uptick in the unemployment rate, layoffs and jobless claims are still in benign levels, which should alleviate near-term recession fears.





Source: Federal Reserve of St. Louis, UBS, as of 24 October 2024

### Layoffs still at very low levels



Note: Axes have been truncated Source: BLS, UBS, as of 24 October 2024



Section 3.3

# Financing



### Financing Key Points: Easier conditions as Fed begins cutting rates





Note: Financial conditions refers to the Bloomberg Financial Conditions index; "SLOOS" refers to the Federal Reserve Senior Loan Officer Survey; IG issuance are measured on a quarterly moving average of monthly issuance data; Availability of Borrowing Costs refers to "Interest Rate on short-term loans" component in the NFIB survey

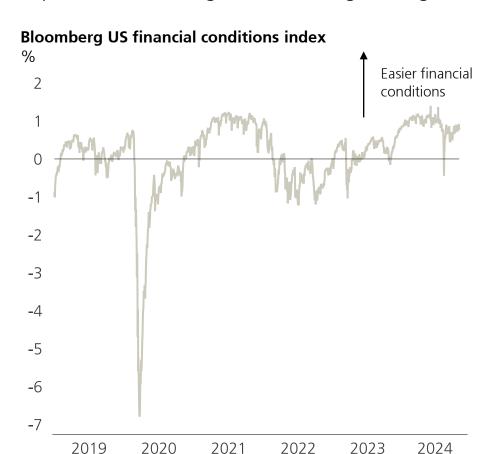
Source: Bloomberg, NFIB, SIFMA, Federal Reserve, UBS, as of 24 October 2024

- Financial conditions improve with higher rate cut odds. A broadening equity rally and cheaper borrowing costs support easier financial conditions. Credit conditions, as represented by the Federal Reserve loan officer survey, continue to loosen, easing stress particularly borne by smaller firms that lack the same access to capital markets that larger firms have.
- Corporate bond issuance accelerates as yields fall. Both investment grade and high yield issuance continue to trend higher while spreads remain at historically tight levels.



### Financial Conditions: A looser environment thanks to the Fed's cuts

Financial conditions in easier territory thanks to the start of the Fed's rate cut cycle with a 50bp cut in September coinciding with loosening lending standard for firms.



Source: Federal Reserve, Macrobond, UBS, as of 24 October 2024

#### Federal Reserve Senior Loan Officer Survey – Tighter standards — Small firms — Large & Medium Firms -10 -20 -30 -40

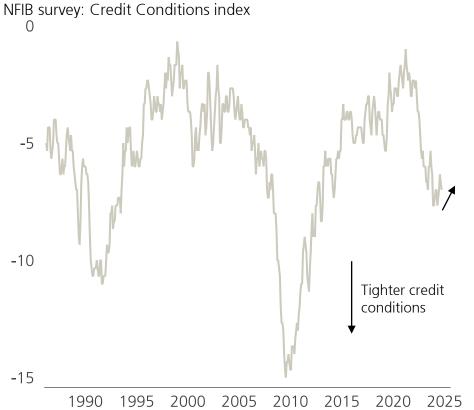
Source: Federal Reserve, Macrobond, UBS, as of 24 October 2024



# Financial Conditions: Tight conditions for small businesses improving

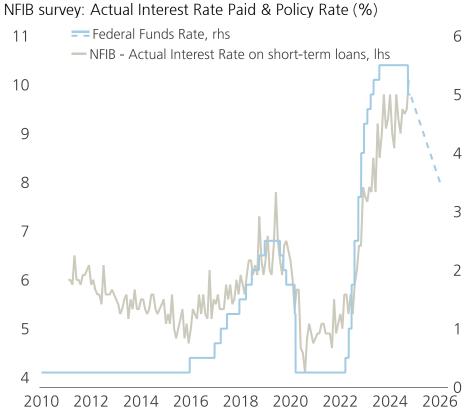
Small businesses that complain of very tight credit conditions and high cost of borrowing have reasons to be marginally more optimistic, as lower policy rates ease borrowing costs.

#### **Credit Availability for Small Businesses marginally better**



Source: NFIB, Macrobond, UBS as of 24 October 2024

#### Actual interest rates paid tied to pace of Fed's rate cuts



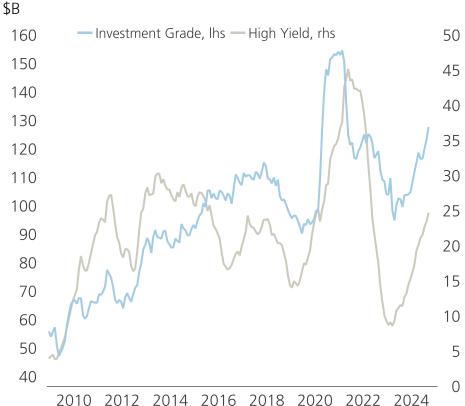
Source: NFIB, Macrobond, UBS as of 15 October 2024



### Financial Conditions: Issuance accelerates as spreads remain tight

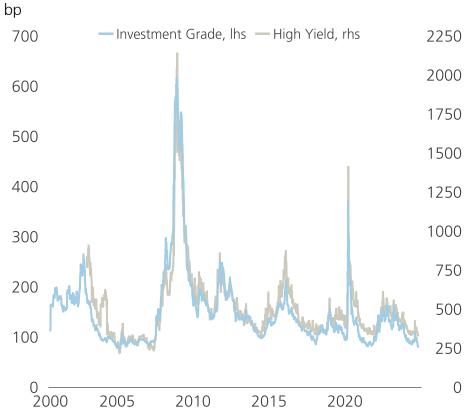
Strong demand for high yield and investment grade issuance as borrowing costs cheapen drive the accelerate of issuance and continued tightness for spreads.

#### Corporate bond issuance accelerates amid Fed rate cuts



Source: Bloomberg, Macrobond, UBS as of 15 July 2024

#### Spreads remain at historically tight levels



Source: Bloomberg, Macrobond, UBS as of 15 July 2024



Section 3.4

# Real estate



### Real Estate Key Points: Cooling but still very strong





Note: Residential prices refers to the yearly change in S&P Home price index; "Hotels", "Industrial", "Offices", and "Retail" refer to the numbers of properties sold nationally compiled by Real Capital Analytics.

Source: Bloomberg, NAHB, Real Capital Analytics, Federal Reserve, UBS, as of 24 October 2024

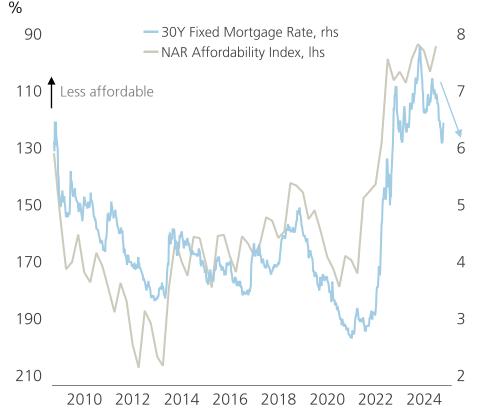
- Unaffordability still high despite lower rates. Low inventory and declining home starts keeping prices high while majority of homebuyers say that a 5.5% is the upper limit they would pay on a mortgage rate for a new home.
- Commercial real estate delinquencies and properties sold remain low. Earlier concerns of CRE contagion and meltdown were overblown and risks likely will subside with easier financing conditions. Overall CRE transactions still low, with industrials being the sole bright spot.



## Residential: Rate cuts easing mortgage rates but affordably still low

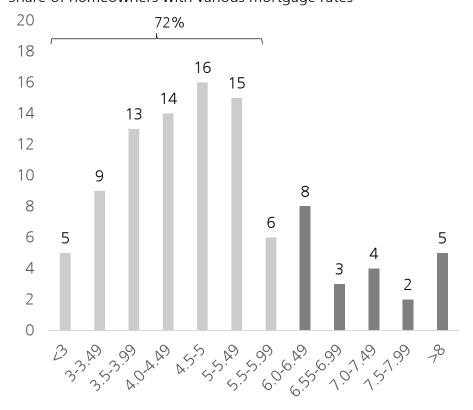
Lower policy rates from the Fed combined with continued guidance has helped mortgage rates decline from the near 8% recent peak; yet most still say rates need to fall below 5.5% to buy a new home.

#### Real estate historically unaffordable despite lower rates



Source: Federal Reserve, UBS, as of 24 October 2024

#### Most homeowners 5.5% is upper limit for their mortgage rate Share of homeowners with various mortgage rates



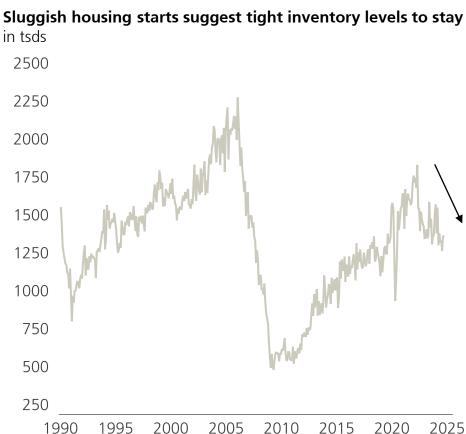
Source: New Home Trends Institute, UBS, as of 24 October 2024



### Residential: Rate cuts should ease historic unaffordability issue

Housing inventory has modestly risen from historically low levels and the slide in housing starts imply tight levels of supply are here to stay.





Source: NAR, Bloomberg, UBS, as of 24 October 2024



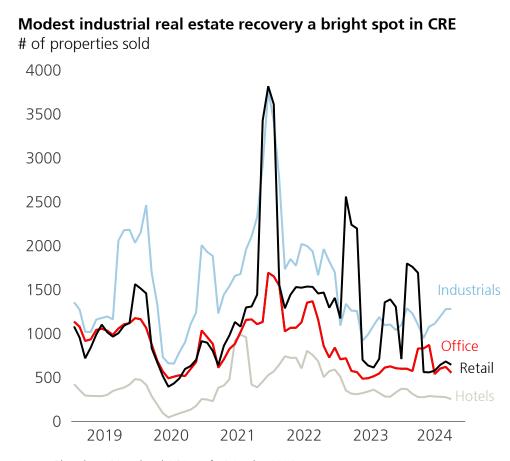


#### Commercial Real Estate: Headwinds continue

Contagion fears still are overblown as delinquency rates on CRE-related loans at very low levels; sales remain sluggish, but continued rate cuts and Al-demand may be a tailwind for CRE in 2025.

### **Delinquency Rate for Commercial Real Estate** % All other banks





Source: Bloomberg, Macrobond, UBS as of 24 October 2024



Section 4

Policy, geopolitics, politics



### US election: An unusual, historic, and close race reaches a conclusion

Neck and neck race in the days leading to the election with CIO's election odds now evenly split between a Harris or Trump outcome.

#### Four plausible scenarios, but two are most likely

UBS CIO US election scenario probabilities



Blue sweep (5%)



**Harris with split Congress (45%)** 

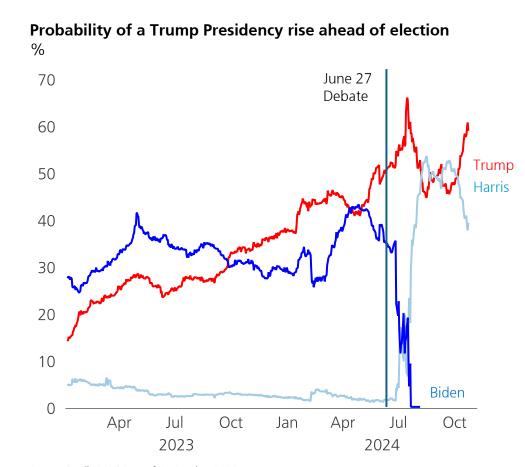


Red sweep (35%)



**Trump with split Congress** (15%)

Source: UBS, as of 23 October 2024

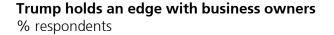


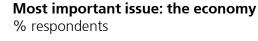
Source: Predictlt, UBS, as of 22 October 2024

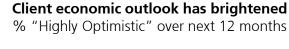


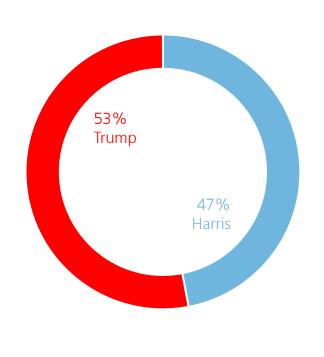
### US election: UBS business-owner clients survey results

Business owners say the economy is the most important issue, but now are much more optimistic compared to four years ago.

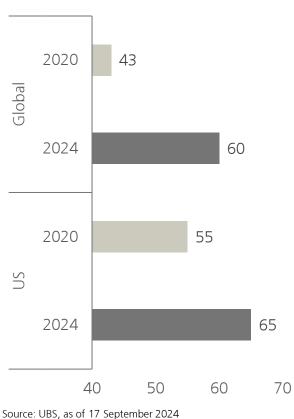












Source: UBS, as of 17 September 2024

Source: UBS, as of 17 September 2024



# US election: Markets influenced more by macro, not politics

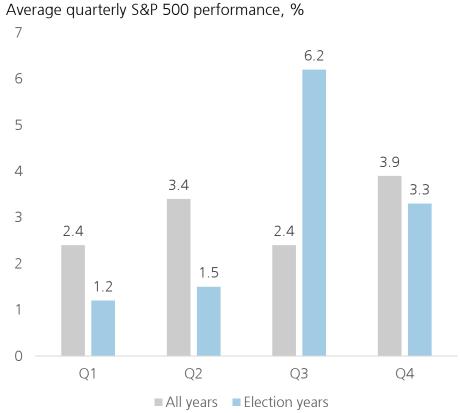
Risk assets more swayed by economic and financial factors rather than political; the conclusion of an election can be seen as a 'risk clearing' event supporting 2H equity performance during election years.

# **Equity returns are similar regardless of winning party** S&P 500 performance, %

Presidential election years	Performance with Republican elected	Performance with Democrat elected
1928–2020	15.3%	12.3%
1948–2020	12.4%	13.9%
1960–2020	12.4%	15.1%

Source: Bloomberg, UBS, as of 9 October 2024

#### Equities tend to outperform in H2 during election years



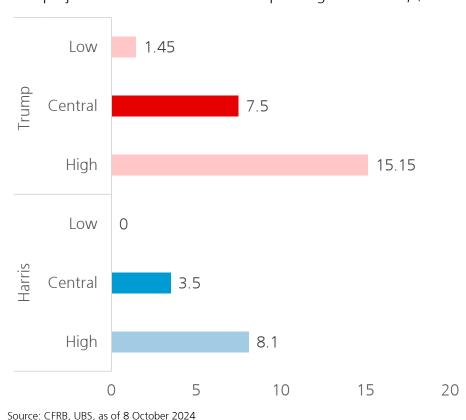
Note: Stock market data from S&P 500 starting from 1/1970 Source: Bloomberg, UBS, as of 9 October 2024



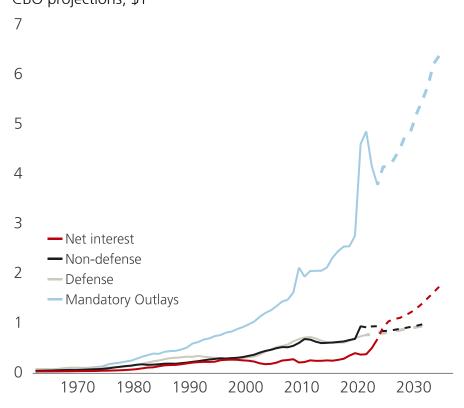
### US election: Both candidates offer deficit-widening economic plans

The deficit is 6% of GDP in 2023 despite near record-low unemployment, implying public finances are structurally imbalanced, and the CBO forecasts it to remain above 6% for the foreseeable future.

**Both candidates' plans, if passed, likely to widen the deficit** CBO projections for additional deficit spending 2026-2035, \$T



Hard-to-reform mandatory spending pushing deficits higher CBO projections, \$T

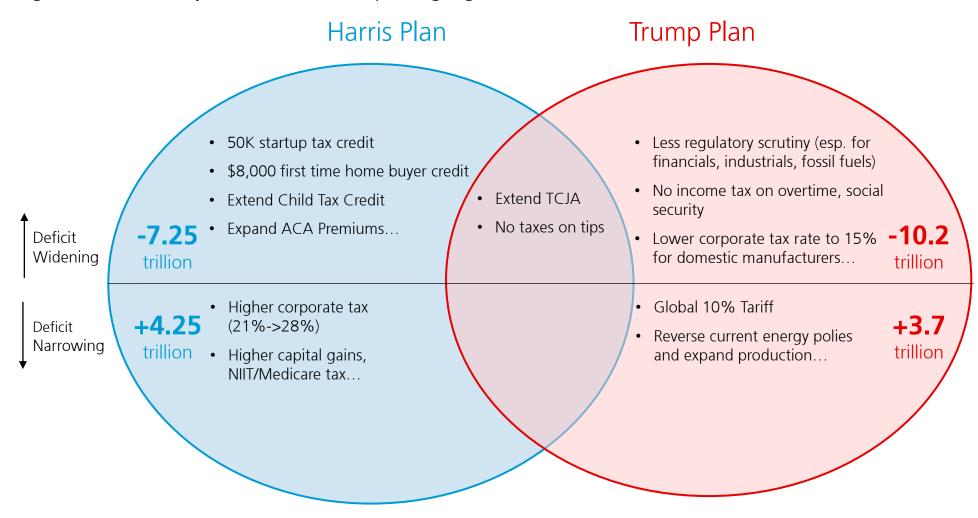


Source: CBO, UBS, as of 8 October 2024



## US election: Both candidates are proposing deficit-widening policies

Business owners can cheer on various parts of each candidate's plans but also keep in mind the high degree of uncertainty when it comes to passing legislation.



Note: Estimates from CRFB's base case analysis, net impact from prior page may look different due to net interest effect Source: UBS, CRFB as of 9 October 2024



# US election: 2016-style 'Trump Trade' has not materialized

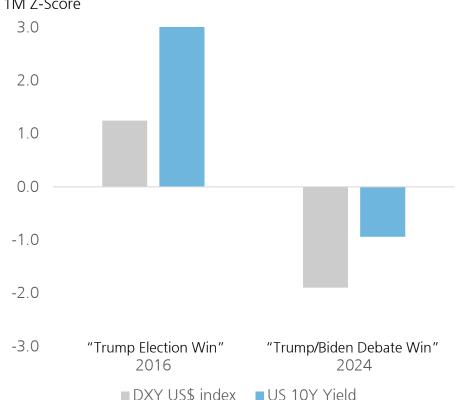
The likelihood of a 2016-style election shock is unlikely since Trump and Harris are relatively known quantities to investors; "Trump trade" still a micro story.

#### Higher odds of Trump win help certain names/sectors



Note: UBS Trump Financials is a basket of stocks levered to a policy platform that benefits from deregulation, increase in capital markets activity, and Basel 3 softening. Source: Bloomberg, Macrobond, UBS as of 15 October 2024

#### Harris and Trump both known to investors, limiting "surprise" 1M Z-Score



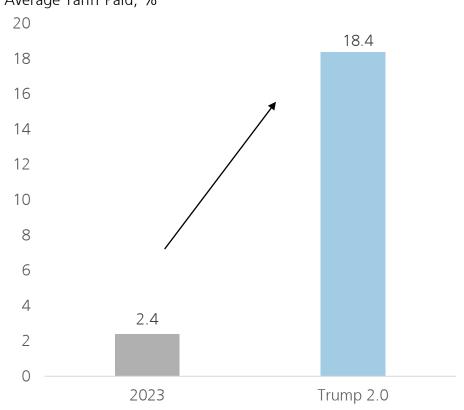
Note: 2016 measured rom 10/28/2016 to 11/18/2016 while 2024 measured from 6/28/2024 to 7/19/20204 Source: Bloomberg, UBS, as of 15 October 2024



### US election: Adverse effects from higher tariffs not spread equally

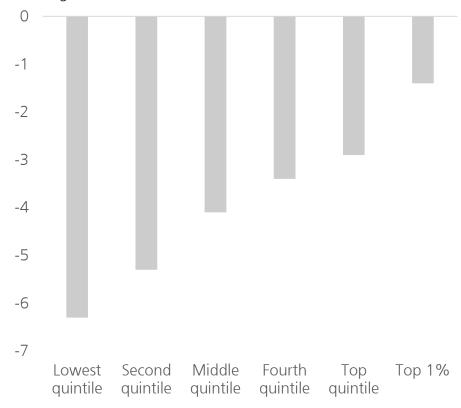
The 2018 Trump tariffs have already upended decades of globalization; more aggressive tariffs in a second Trump term will be a negative growth and inflation shock, affecting poorest Americans the most.

# A Trump 2.0 term ay bring a sharp increase of tariff rate Average Tariff Paid, %



Note: Trump 2.0 Tariff rate assumes a 60% tariff on China, 10% For the rest of the world. Source: U.S. International Trade Commission, UBS, as of 24 October 2024

Trump 2.0 tariff proposals affect poorest Americans the most % change in after tax income



Note: The tariff estimates examine a 20 percent tariff for most goods, except for a 60 percent tariff on imports from China. The net effect bars show the combined net effect of the loss from proposed tariffs and the gain from TCJA extensions. Tariff calculations are done using data from the Consumer Expenditure Survey on consumption patterns, following the method detailed in Clausing and Lovely (2024). TCJA extension estimates are from the Tax Policy Center; these do not include many business provision extensions that have been proposed. That inclusion would exacerbate the regressivity of TCJA extensions.

Source: Kimberly A. Clausing and Mary E. Lovely's Policy Brief, Why Trump's tariff proposals would harm working Americans., PIIE, UBS, as of 24 October 2024



Section 5

Markets and corporate transactions



### Markets Activity Key Points: "Goldilocks" for markets and activity?



Markets rallying as investors embrace a soft landing, if not Goldilocks economic conditions. Year to date, markets have beat expectations despite higher geopolitical uncertainty thanks to a benign macroeconomic backdrop, more certainty around rate cuts, and continued earnings growth. Valuations are high in absolute terms. but reasonable considering underlying fundamentals.



Vol has been rising into the election, especially for rates, but is likely to subside afterwards. History suggests volatility picks up as election day nears and falls thereafter, especially if matched with stronger signals of Fed rate cuts. The surprising economic strength and a "red sweep" election outcome has lifted rate volatility because of the uncertainty over the number of rate cuts and inflationary policies.



**M&A** and PE still modest but should benefit from rate cut and election clarity. Dealmaking remains modest with activity decelerating to pre-pandemic levels. Lack of exit opportunities is exacerbating the PE market imbalance: dealmaking is roughly around 2018 levels, but "dry powder" is 1.5x as large, and average holding periods have extended to more than six years compared to a three- to five-year longer-term average.



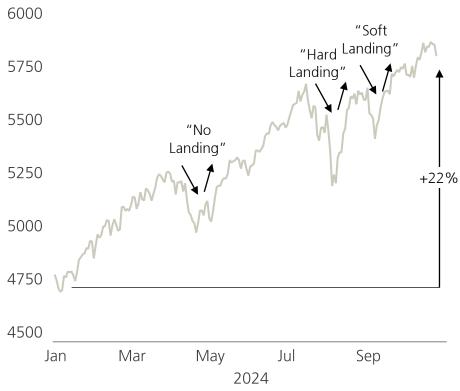
**IPO activity and VC funding recovering from very low base.** Things are still stagnant in the IPO flywheel. VC fundraising is at low levels, but valuations are holding for both early and late-stage start-ups. Companies have been able to extend runways of prior funding and using new financing structures to extend their lifespan. IPO and VC markets are improving but have yet to fully open and are likely to improve later than M&A / PE.



## Equities: A strong equity rally masks sizable internal rotations

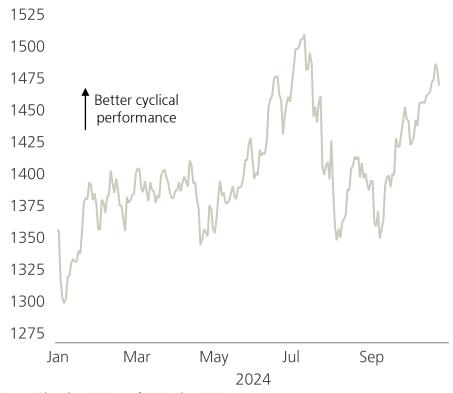
The S&P 500 is pricing a good economic outcome with significant rate cuts; beneath the surface, there's been significant rotations, such as between cyclicals and defensives, with the former outperforming again.

### **Equities steadily grind higher despite shifting market narratives** S&P 500 index



Source: Bloomberg, UBS, as of 24 October 2024

# **Cyclicals recently outperformed on better data and Fed cut hopes** MSCI Cyclicals – Defensive Return spread



Source: Bloomberg, UBS, as of 22 October 2024

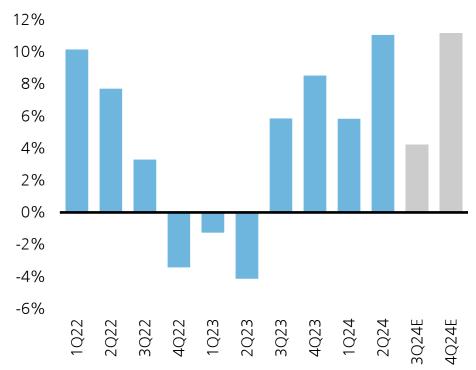


### Equities: Earnings growth should be supportive for US equities

Earnings continued its strong trend through 2024, helping equities reach new highs. UBS CIO forecasts 11% and 8% EPS growth in 2024 and 2025, while bottoms-up consensus for 2025 is \$280.

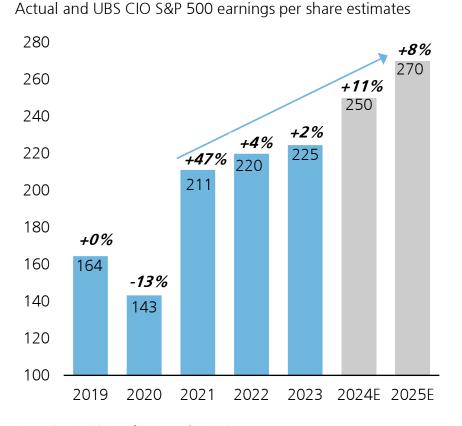
#### Earnings growth should be healthy the rest of this year...

S&P 500 quarterly EPS Y/Y growth, actual and consensus estimates



#### Source: Bloomberg, FactSet, UBS, as of 24 September 2024

#### ...and in 2025 as S&P 500 EPS likely make new highs

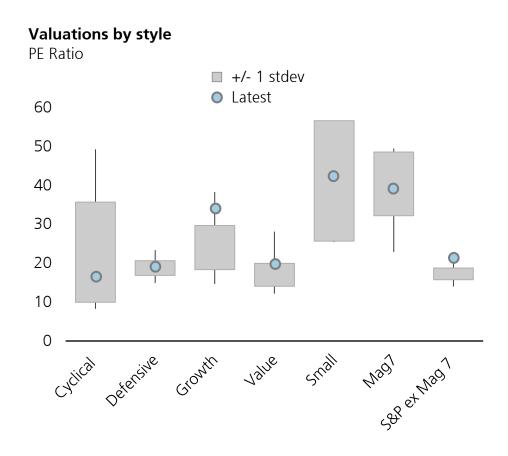


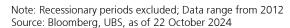
Source: FactSet, UBS, as of 24 September 2024

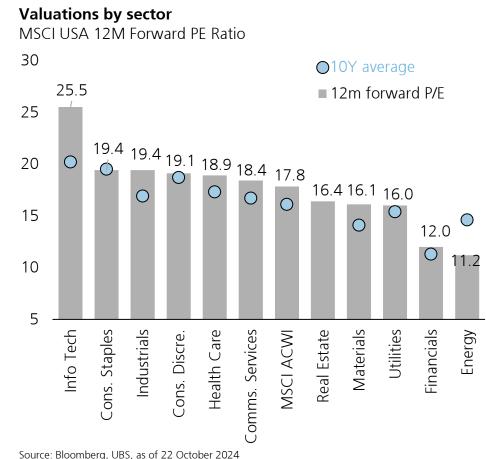


### Valuations: Stocks continue to perform despite high valuations

P/E ratios in equity markets across styles and sectors show valuations in the upper range of historical averages.





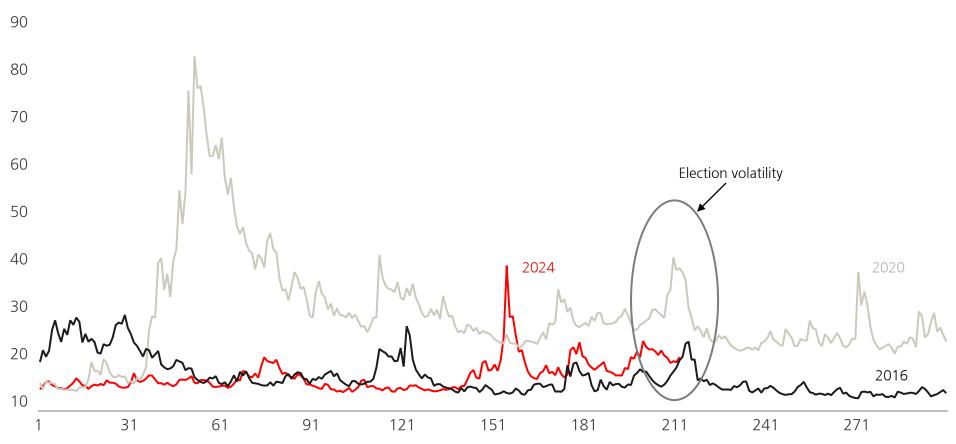




## Volatility: History suggests lower equity volatility after elections

Volatility was low in the first half of 2024, supporting the new highs made by equity markets; history suggests elections are a "risk clearing" event that may push volatility lower toward year-end.

#### **VIX Index**



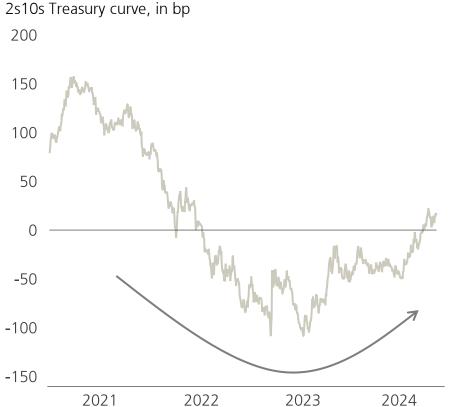
Source: FactSet, UBS, as of 22 October 2024



### Rates: Fed rate cuts and better macro have steepened the curve...

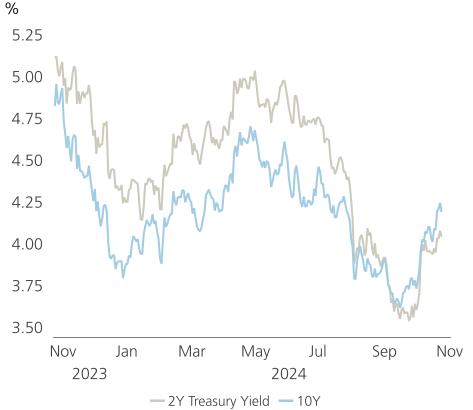
The yield curve inversion has ended because 2Y yields fell on lower rate cut odds, while 10Y yields have increased in response to recent improvements in growth outlook and rising inflation risk.

#### The yield curve is positively sloped again



Source: Bloomberg, Macrobond, UBS as of 23 October 2024

#### 2Y yields fell sharply in Q3 while 10Y yields stage sharp recovery



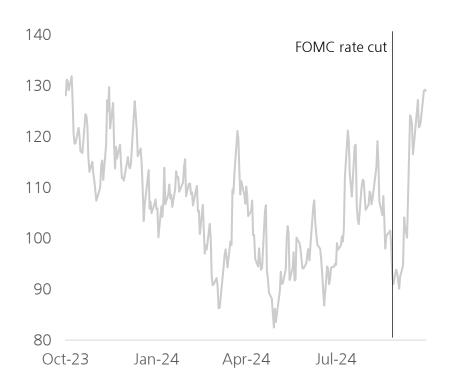
Source: Bloomberg, Macrobond, UBS as of 23 October 2024



## Rates: ...and they've driven higher rate volatility and policy uncertainty

Better-than-expected growth and potential policy changes after the election have led to a higher 10Y Treasury yield, higher rate volatility, and a higher terminal fed funds rate.

# Interest rate volatility has surged since the Sep. rate cut MOVE Index



# Market pricing for the more rate cuts continues to oscillate December 2025 fed funds rate futures, in %



Source: Bloomberg, UBS as of 23 October 2024

Source: Bloomberg, UBS as of 23 October 2024



## M&A: Volumes down despite improving conditions

Despite easing financial conditions and bullish financial markets, M&A volumes haven't convincingly picked up, reflecting lingering hesitation amongst corporate executives and sponsors.

M&A Heatmap	Dec-18	#####	Jun-19	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24
M&A Volume	368	457	627	349	381	265	72	375	587	510	624	593	529	456	499	223	288	219	301	301	363	254	172	97
FCI	-1.0	0.3	0.3	-0.1	0.3	-5.3	-0.9	-0.4	0.3	0.9	1.2	0.7	0.9	-0.2	-1.2	-1.1	-0.1	-0.3	0.3	0.2	0.9	1.1	1.0	0.7
Vistage CEO Confidence	6.4	6.7	6.5	6.2	6.6	7.0	6.5	6.9	6.9	7.1	6.9	6.7	6.5	6.7	5.6	5.9	5.9	6.1	6.6	6.1	6.3	7.0	6.7	6.5
NFIB Small Business Confidence	104.4	101.8	103.3	101.8	102.7	96.4	100.6	104.0	95.9	98.2	102.5	99.1	98.9	93.2	89.5	92.1	89.8	90.1	91.0	90.8	91.9	88.5	91.5	91.5
Markets																								
SPX	-6%	7%	8%	2%	29%	-9%	5%	13%	16%	54%	39%	28%	27%	14%	-12%	-17%	-19%	-9%	18%	20%	24%	28%	23%	34%
NASDAQ	-1%	12%	9%	2%	38%	6%	32%	47%	48%	68%	43%	29%	27%	13%	-21%	-25%	-33%	-11%	32%	34%	54%	38%	30%	36%
Midcap	-12%	1%	0%	-4%	24%	-24%	-8%	-4%	12%	81%	51%	42%	23%	3%	-16%	-17%	-14%	-7%	16%	14%	14%	21%	12%	25%
Smallcap	-12%	1%	-5%	-10%	24%	-25%	-8%	-1%	18%	93%	60%	46%	14%	-7%	-26%	-24%	-22%	-13%	11%	7%	15%	18%	8%	25%
Rates																								
10Y rate	2.68	2.41	2.01	1.66	1.92	0.67	0.66	0.68	0.91	1.74	1.47	1.49	1.51	2.34	3.01	3.83	3.87	3.47	3.84	4.57	3.88	4.20	4.40	3.78
Federal Funds Rate	2.50	2.50	2.50	2.00	1.75	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	1.75	3.25	4.50	5.00	5.25	5.50	5.50	5.50	5.50	5.00
2s10s Spread	19	14	25	4	34	42	50	55	79	158	122	121	77	0	5	-45	-56	-56	-106	-48	-37	-42	-36	14
Financing																								
IG Spread	1.5	1.2	1.2	1.2	0.9	2.7	1.5	1.4	1.0	0.9	0.8	0.8	0.9	1.2	1.6	1.6	1.3	1.4	1.2	1.2	1.0	0.9	0.9	0.9
HY Spread	5.3	3.9	3.8	3.7	3.4	8.8	6.3	5.2	3.6	3.1	2.7	2.9	2.8	3.3	5.7	5.5	4.7	4.6	3.9	3.9	3.2	3.0	3.1	3.0
SLOS Large	-16	3	-4	-3	5	0	42	71	38	6	-15	-32	-18	-15	-2	24	39	45	46	51	34	15	16	8
SLOS Mid/Small	-3	4	0	-6	6	-1	40	70	31	11	-13	-26	-11	-9	0	22	32	44	47	49	30	19	20	8
IG Issuance	-15%	-11%	-17%	-7%	-2%	14%	64%	60%	62%	37%	-18%	-23%	-20%	-17%	-4%	-4%	-15%	-22%	-12%	-8%	1%	17%	14%	23%
HY Issuance	-39%	-32%	-20%	-3%	61%	60%	75%	81%	52%	81%	52%	27%	15%	-26%	-50%	-66%	-77%	-73%	-49%	-11%	64%	124%	94%	94%
Volatility																								
MOVE	66.6	58.5	70.4	77.2	58.3	83.9	54.1	39.2	49.0	71.3	57.3	61.1	77.1	106.9	135.5	141.9	121.6	135.9	110.6	113.6	114.6	86.4	98.6	94.6
VIX	25.4	13.7	15.1	16.2	13.8	53.5	30.4	26.4	22.8	19.4	15.8	23.1	17.2	20.6	28.7	31.6	21.7	18.7	13.6	17.5	12.5	13.0	12.4	16.7

Note: SLOOS Large and SLOOS Mid/Small measure the change in tightening standards

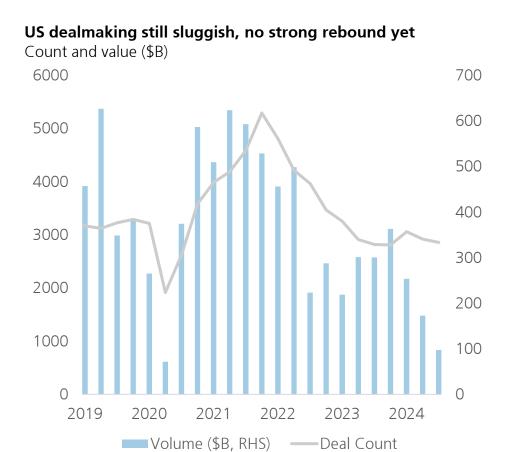
Source: Bloomberg, UBS, as of 24 October 2024





## M&A: Deal activity is recovering, but falling short of expectations

Overall activity remains modest in the US with some pockets of bright spots including deals in energy, financial services, and tech. Rate cuts should be a tailwind to support activity, rate volatility a headwind.



Source: Bloomberg, UBS, as of 24 October 2024

### BCG M&A Sentiment index reveals stable but low sentiment Index

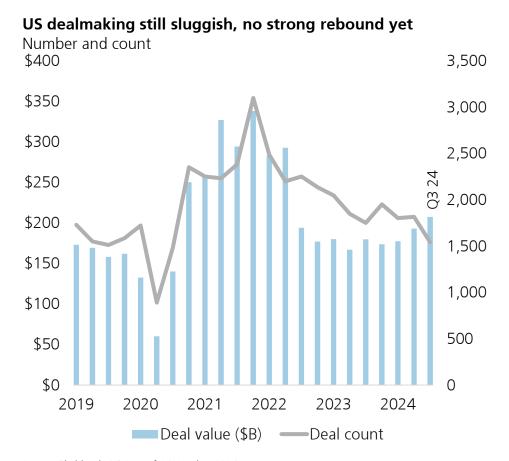
Note: A sentiment value over 100 indicates that decision makers expect M&A activity during the next approximately six months to surpass the most recent ten-year average. A value under 100 implies they expect below-average activity,

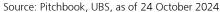
Source: BCG, UBS, as of 24 October 2024

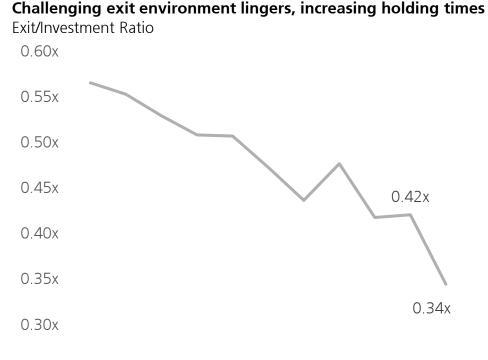


### Private Equity: A modest uptick in activity

Volumes have increased while exit/investment ratio has fallen to a record low, underscoring the difficulty in realizing investments and returning capital to LPS.







2018

Exits/investments

2020

2022

Source: Pitchbook, UBS, as of 24 October 2024

2016

2014

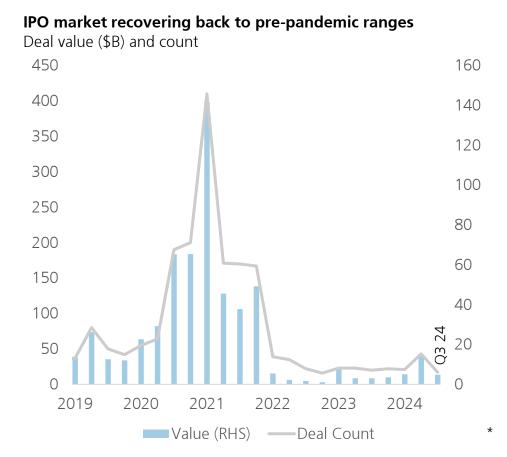
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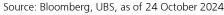


2024

# IPOs: An improvement from last year, but still sluggish

Alternative ways to source capital and sluggish recent IPO performance has deterred more companies from going public so far.





# IPO activity muted during election years before a rebound Average count 250 200 +47% 150 100 50 0 Election years Post-election years Other years

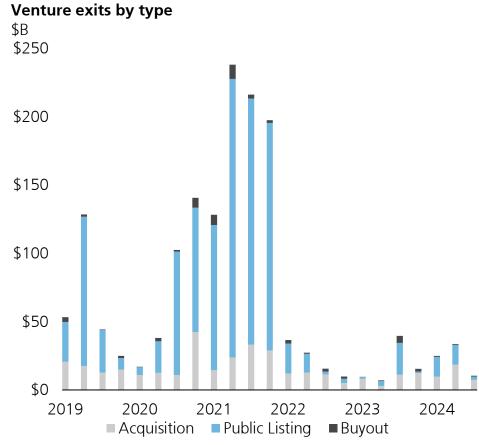
Source: EY, UBS, as of 23 October 2024

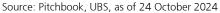


### Venture Capital: Signs of stabilization, not reacceleration

Venture capital market remains sluggish, buoyed by a few large deals in the AI sector; fundraising remains low amid a lack of exits









#### Sector Views: Tech and Industrials in CIO Most Attractive



**Tech: Continued outperformance driven by strong earnings and AI optimism.** Even as AI optimism has eased on the margins, continued earnings strength has powered the tech sector outperformance. ChatGPT debut in 2022, broader AI adoption has encouraged the tech sector rally while adding \$10 trillion to US equity market capitalization.



Industrials: A favorable medium-term outlook is tempered by near-term uncertainty. Electoral and monetary policy uncertainty are weighing on the near-term outlook for Industrials especially while valuations are expensive relative to history.



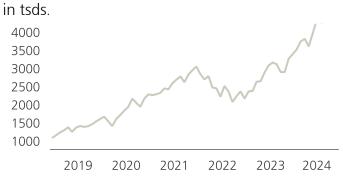
### Sector Snapshot: Tech

#### Summary

- Investors will likely continue to gravitate to high-quality companies with good secular growth in the current economic environment.
- Al is attractive in the nearterm and will be a key driver of equity market returns for years to come particularly benefitting Allinked semiconductors and US mega caps.
- Valuations can be a concern since Tech is one of the most expensive sectors globally and expensive relative to its history, but justified with strong earnings.

#### Market Performance

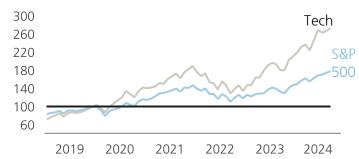
#### **S&P Subsector performance**



Source: Bloomberg, UBS, as of 24 October 2024

#### **Relative Market Performance**

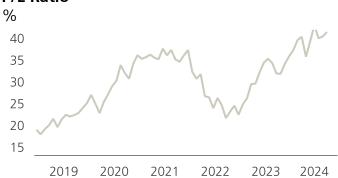
Rebased 12/31/2019 = 100



Source: Bloomberg, UBS, as of 24 October 2024

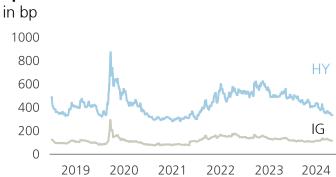
#### **Valuations**

#### P/E Ratio



Source: Bloomberg, UBS, as of 24 October 2024

#### **Spreads**



Source: Bloomberg, UBS, as of 24 October 2024



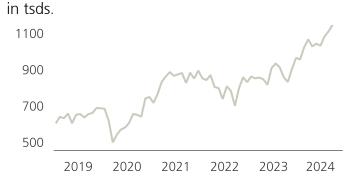
### Sector Snapshot: Industrials

#### Summary

- A favorable medium-term outlook is tempered by nearterm uncertainty.
- ISM manufacturing continues its historic contractionary streak but is expected to gradually improve.
- Despite lagging broader index performance, tailwinds such as implantation of the BIL, IRA, and CHIPS Act, bottoming out in cyclical areas like transportation, and multi-year growth in infrastructure are all supportive for the sector.

#### Market Performance

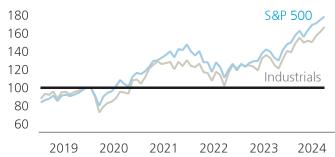
#### **S&P Subsector performance**



Source: Bloomberg, UBS, as of 24 October 2024

#### **Relative Market Performance**

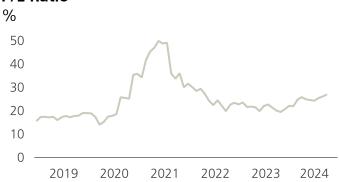
Rebased 12/31/2019 = 100



Source: Bloomberg, UBS, as of 24 October 2024

#### **Valuations**

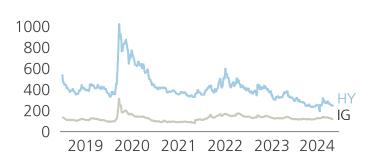
#### P/E Ratio



Source: Bloomberg, UBS, as of 24 October 2024

#### **Spreads**

%



Source: Bloomberg, UBS, as of 24 October 2024



Section 7

# Appendix



#### Risk information

#### Non-Traditional Assets

Non-traditional asset classes are alternative investments that include hedge funds, private equity, real estate, and managed futures (collectively, alternative investments). Interests of alternative investment funds are sold only to qualified investors, and only by means of offering documents that include information about the risks, performance and expenses of alternative investment funds, and which clients are urged to read carefully before subscribing and retain. An investment in an alternative investment fund is speculative and involves significant risks. Specifically, these investments (1) are not mutual funds and are not subject to the same regulatory requirements as mutual funds; (2) may have performance that is volatile, and investors may lose all or a substantial amount of their investment; (3) may engage in leverage and other speculative investment practices that may increase the risk of investment loss; (4) are long-term, illiquid investments, there is generally no secondary market for the interests of a fund, and none is expected to develop; (5) interests of alternative investment funds typically will be illiquid and subject to restrictions on transfer; (6) may not be required to provide periodic pricing or valuation information to investors; (7) generally involve complex tax strategies and there may be delays in distributing tax information to investors; (8) are subject to high fees, including management fees and other fees and expenses, all of which will reduce profits.

Interests in alternative investment funds are not deposits or obligations of, or guaranteed or endorsed by, any bank or other insured depository institution, and are not federally insured by the Federal Deposit Insurance Corporation, the Federal Reserve Board, or any other governmental agency. Prospective investors should understand these risks and have the financial ability and willingness to accept them for an extended period of time before making an investment in an alternative investment fund and should consider an alternative investment fund as a supplement to an overall investment program.

In addition to the risks that apply to alternative investments generally, the following are additional risks related to an investment in these strategies:

- Hedge Fund Risk: There are risks specifically associated with investing in hedge funds, which may include risks associated with investing in short sales, options, small-cap stocks, "junk bonds," derivatives, distressed securities, non-U.S. securities and illiquid investments.
- Managed Futures: There are risks specifically associated with investing in managed futures programs. For example, not all managers focus on all strategies at all times, and managed futures strategies may have material directional elements.
- Real Estate: There are risks specifically associated with investing in real estate products and real estate investment trusts. They involve risks associated with debt, adverse changes in general economic or local market conditions, changes in governmental, tax, real estate and zoning laws or regulations, risks associated with capital calls and, for some real estate products, the risks associated with the ability to qualify for favorable treatment under the federal tax laws.
- Private Equity: There are risks specifically associated with investing in private equity. Capital calls can be made on short notice, and the failure to meet capital calls can result in significant adverse consequences including, but not limited to, a total loss of investment.
- Foreign Exchange/Currency Risk: Investors in securities of issuers located outside of the United States should be aware that even for securities denominated in U.S. dollars, changes in the exchange rate between the U.S. dollar and the issuer's "home" currency can have unexpected effects on the market value and liquidity of those securities. Those securities may also be affected by other risks (such as political, economic or regulatory changes) that may not be readily known to a U.S. investor.



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