



Economic outlook summary

- The Fed has begun its interest rate pivot, cutting by 50 basis points in Sept. and 25 basis points in Nov. to 4.50-4.75%; we except another 25 basis-point cut Dec.
- US economy continuing to outperform in growth and employment, growing 3% in Q3 despite concerns about higher rates
- Combination of growth and likely expansionary fiscal policy will support a solid pace of growth and higher interest rates at the long end of the curve (higher for longer)
- Rising productivity and support from fiscal policies will be key tailwinds for growth but will result
 in inflation above Fed's 2% target



Outlook scenarios for 2025

Scenario probability	GDP growth	Unemployment rate	PCE inflation	Fed Funds rate	10-year yield	
Baseline (55%)	2.5%	4.2%	2.2%	3.5%	4.5%	
Alternative (30%)	3% or higher	3.5% to 4%	2.5% to 3.5%	4.0%	5% or higher	
Recession (15%)	Below 1% or negative	5% or higher	High if stagflation; low, otherwise	High if stagflation; near zero, otherwise	High if stagflation; low, otherwise	



US growth outlook: The best economy in a generation that everyone still hates

GDP remained strong in Q3, up 2.8% overall, driven by robust household spending, private investment, inventory accumulation

Q3 featured very strong 11.1% rise in spending on productivity-enhancing investment

Since Q3 2022, nine consecutive quarters of 2.9% growth, well above long-term trend of 1.8%

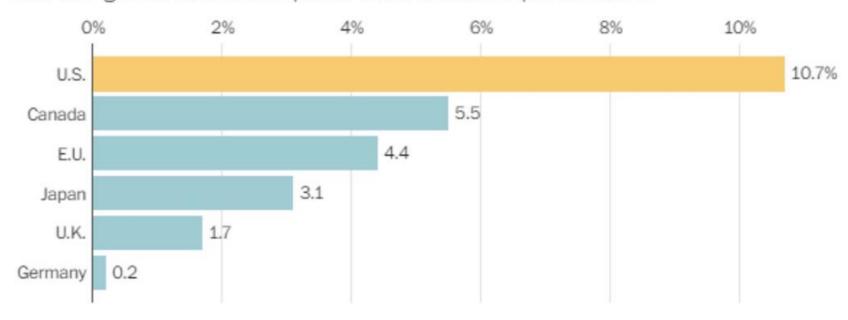
O4 Growth in Q4 will be tempered by hurricanes, resulting in a deceleration to 2-2.5%



US best in class

The United States by far has the fastest growth in the G-7

Real GDP growth from fourth-quarter 2019 to second-quarter 2024.

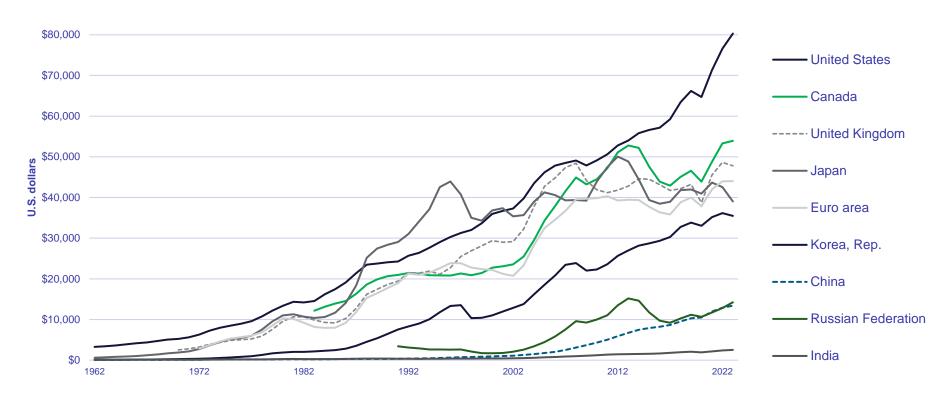


United Kingdom data through Q1 2024.



US best in class

Gross National Income per capita in selected economies



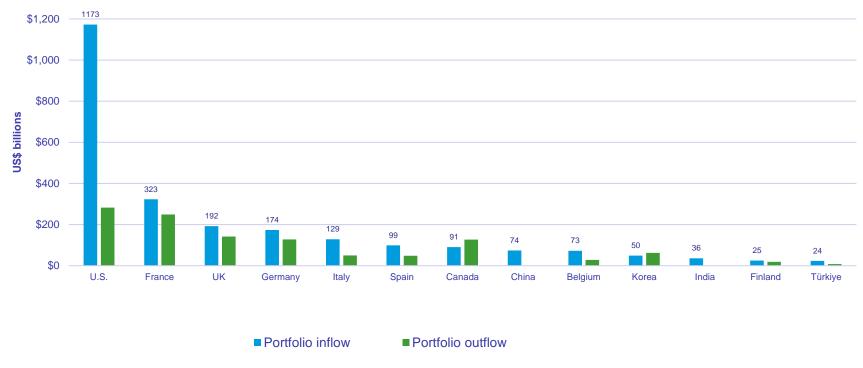
Source: World Bank; RSM US LLP



Capital flows

Portfolio investment inflows and outflows of selected economies

12-month sums through June 2024



Source: All except UK: OECD Monthly Capital Flow Dataset; UK: RSM US LLP estimate



Employment outlook

Adjusting for downward revision of 112,000 jobs for Aug. and Sept., and modest 12,000 gain in Oct., there was a decline in total employment of 100,000

Do <u>not</u> over-interpret temporary factors driving top-line decline—two hurricanes and the Boeing strike

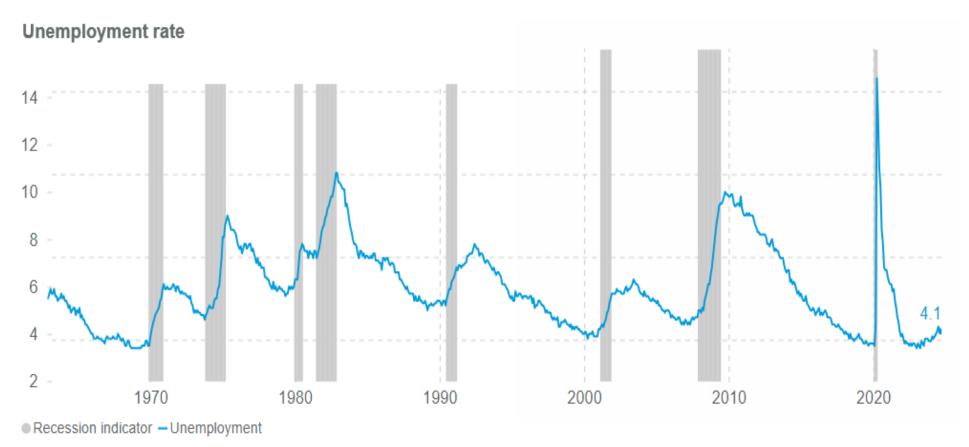
11 will be early next year before we get a "clean" look at real condition of labor market

Will likely see strong rebound in November hiring post-hurricane; strong but still a slowdown and moderation from trend



Unemployment rate at 4.1% up from recent low of 3.4%

Driven by labor market normalization and the increase in labor supply

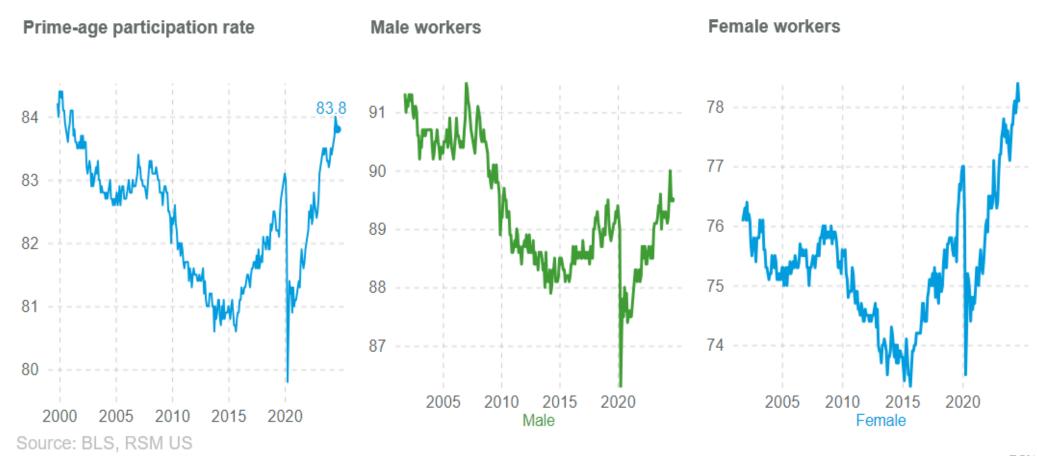


Source: BLS, RSM US



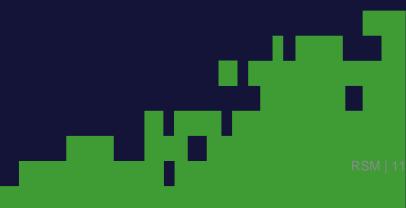
Prime-age participation rate at multidecade high

Driven mostly by female workers due to childcare improvement and hybrid work environment



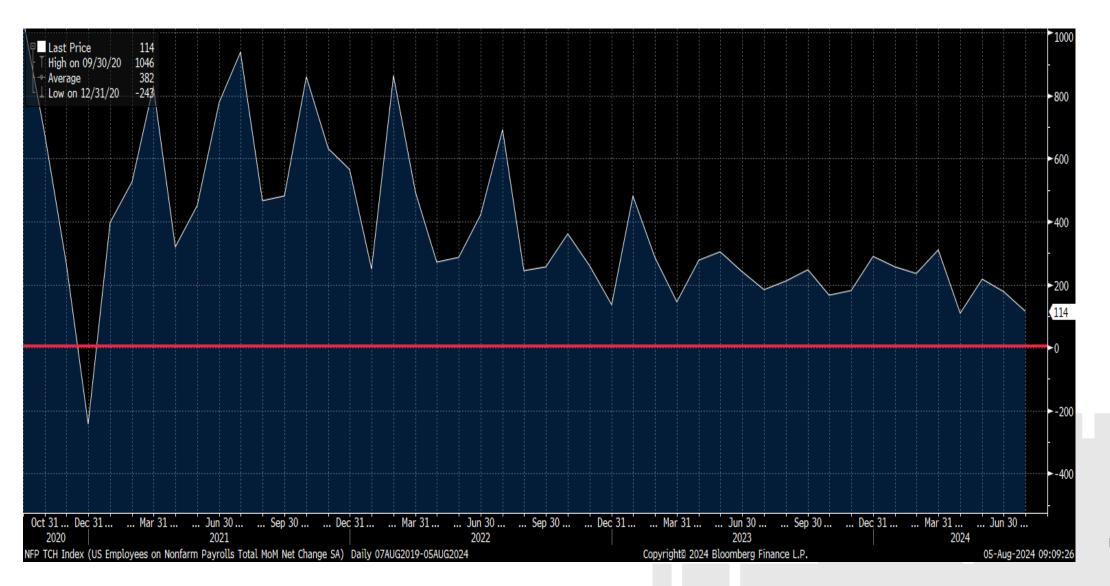


But we're in a recession, right?



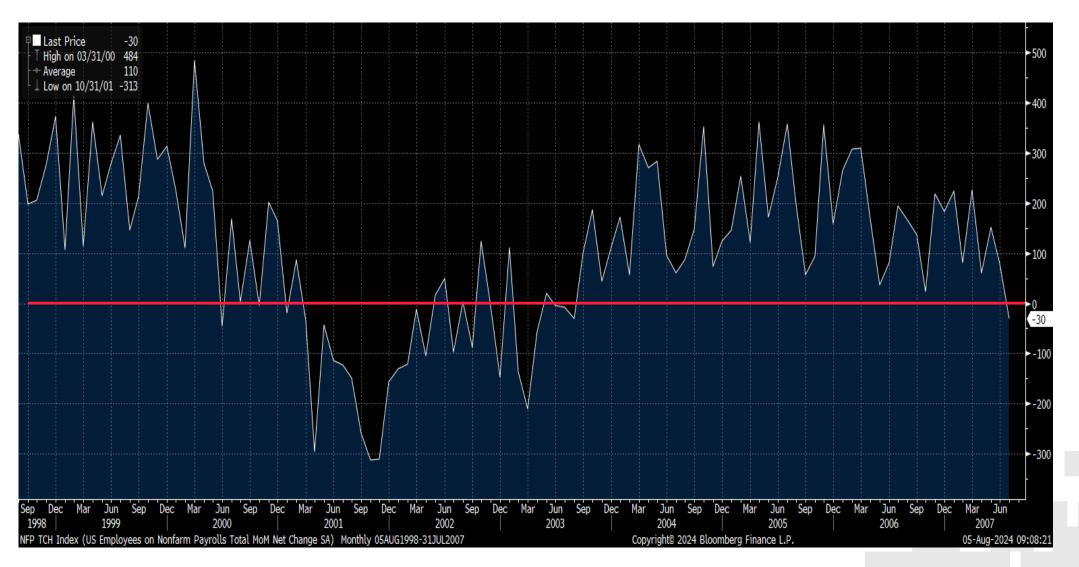


Monthly non-farm payrolls show moderating job *gains*





March 2001 to May 2002: 14 consecutive months of job *losses*



Inflation outlook: Price stability = Investment visibility



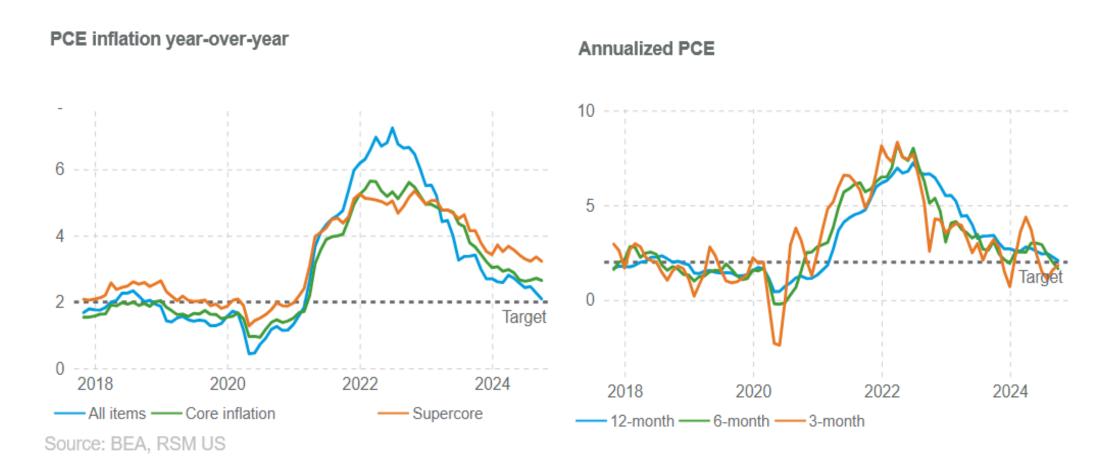


- Strong productivity gains should dampen inflationary pressures
- Wage growth solid: 3.9% employment cost index—the Fed's key gauge; demographics, immigration policy tilt risks higher
- Overall inflation risks now balanced versus growth risks as Fed continues to cut rates
- Trade and industrial policies will keep inflation 2.5% to 3% over the medium to long term



Annualized PCE

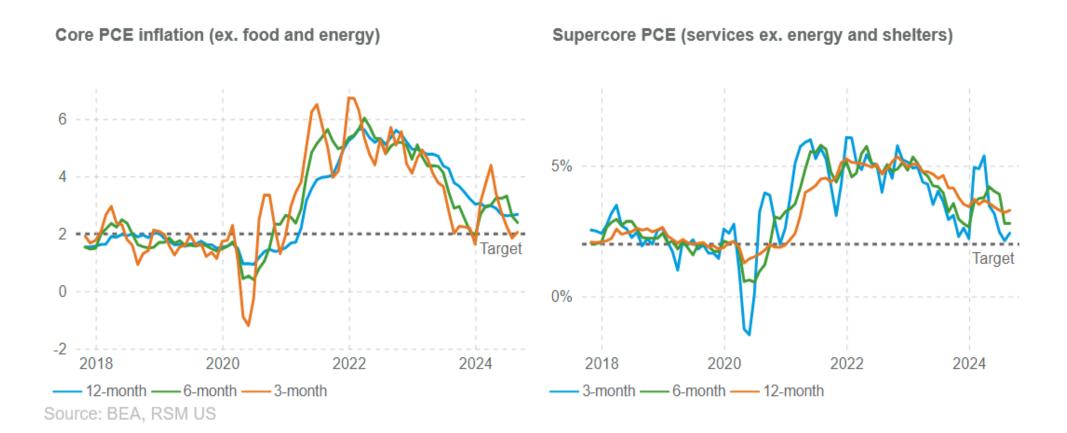
Short-term inflation is back at 2% target... for now





Underlying inflation remains higher than target

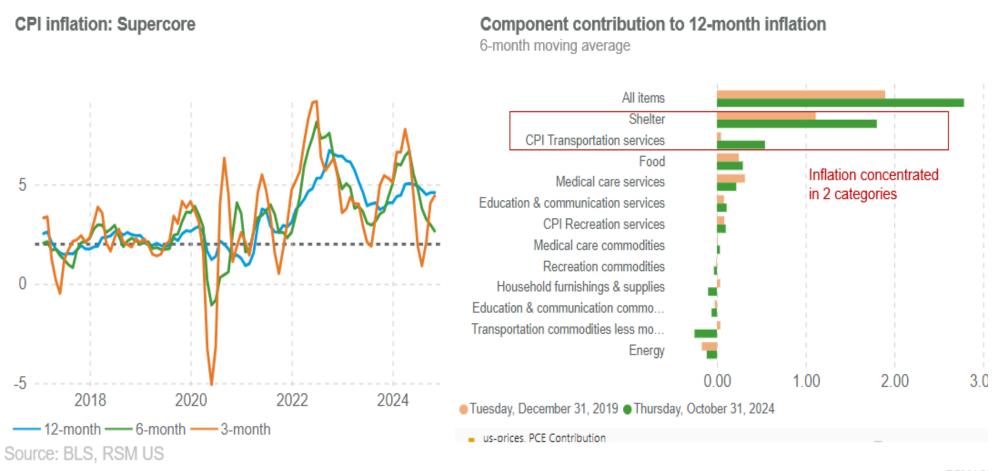
More aligned with our estimate that post-pandemic inflation should be between 2 to 2.5% due to structural changes





Super core inflation is back to target

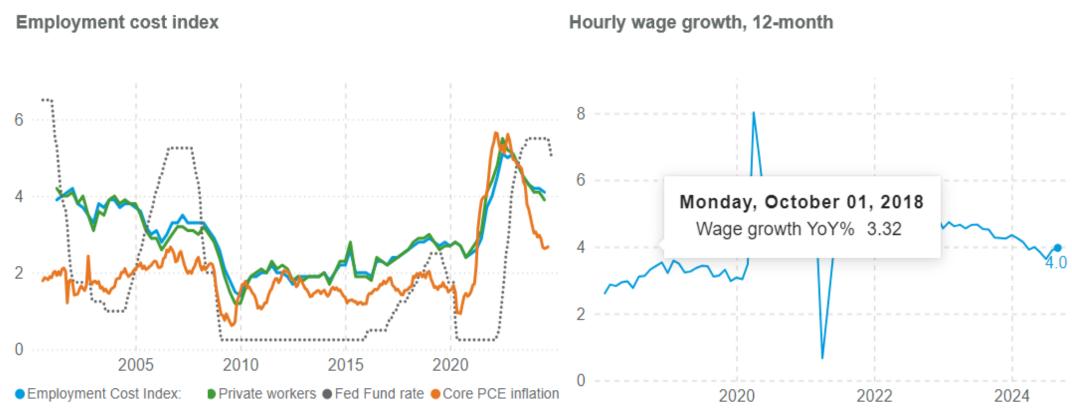
Improvements are broad-based, with transportation services leading the declines





Wage growth remains elevated due to tight labor market

Real wage turns positive as inflation comes down; support stronger spending



Source: BLS, BEA, Federal Reserve, RSM US



Personal spending and income outlook

O1 Consumers more resilient than expected, supported by strong labor market and rising real wages

Personal spending on three-month average annualized basis increased at a 5.2% pace while savings rate eased to 4.6% from 4.8%

Beware of "The Consumer is Dead" mantra; there is no such thing as a monolithic The Consumer

O4 Consumer confidence has picked up in last 6 months as inflation eases, slowly catching up with hard data on demand



Service spending back to trend, support overall spending

Pent-up demand for goods especially durable goods has been a drag

Real spending vs. pre-pandemic

Services

Seasonally adjusted annualized, billions \$ 11,000 5,500 10,500 10,000 5,000 9,500 9,000 4,500 8,500 8,000 4,000 7,500 2024 2021 2022 2020 2023 2024

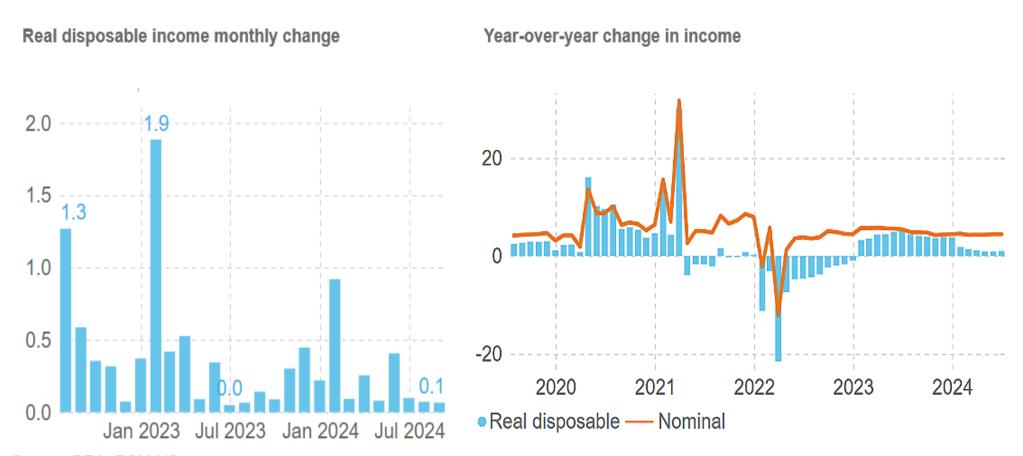
Goods

Note: Dotted red lines indicate pre-pandemic trend from 2018 to 2019. Source: BEA, RSM US



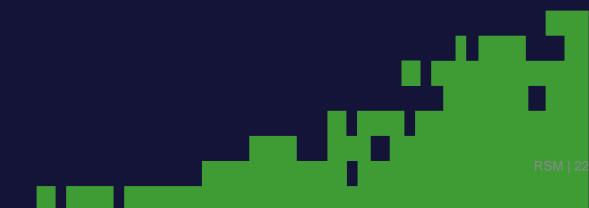
Income stays solid due to strong labor market

Income outgrows prices as inflation subsides

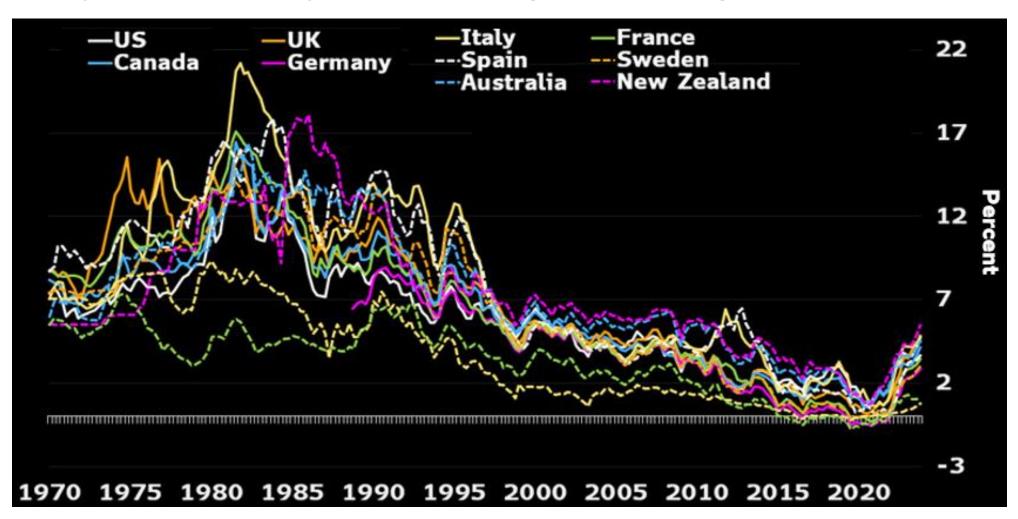




What does "higher for longer" mean?



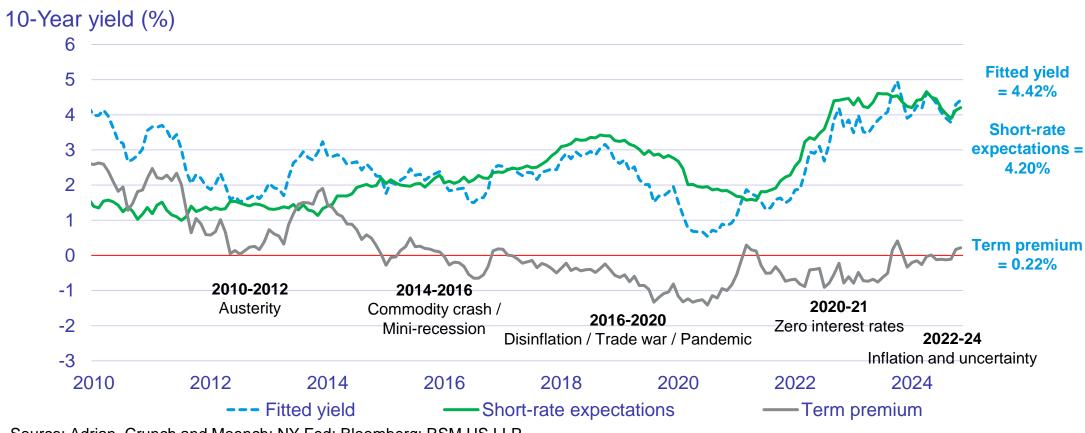
Why no one really believes "higher for longer"





Signs of return to normalcy: A positive term premium

10-year yields determined as the sum of expectations for the Fed funds rate plus a term premium for holding a bond over its maturity

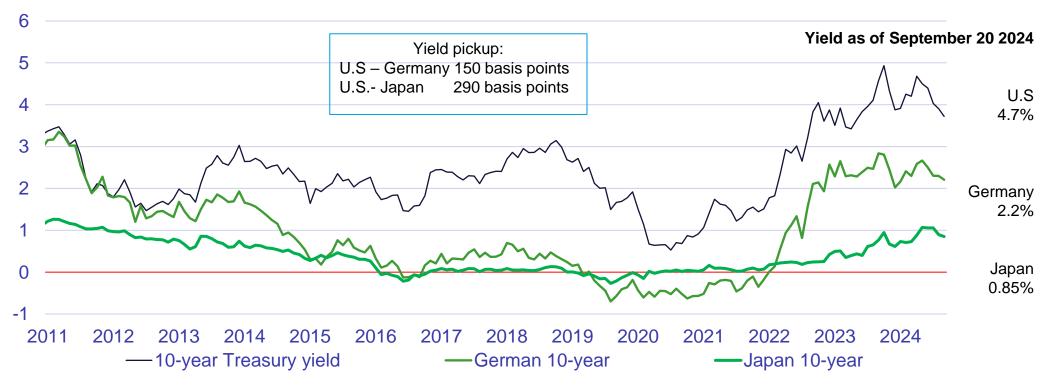


Source: Adrian, Crunch and Moench; NY Fed; Bloomberg; RSM US LLP



U.S. 10-year Treasuries continue to be attractive relative to government bond in other financial centers.

10-year government bond yields in the U.S., Germany and Japan (%)

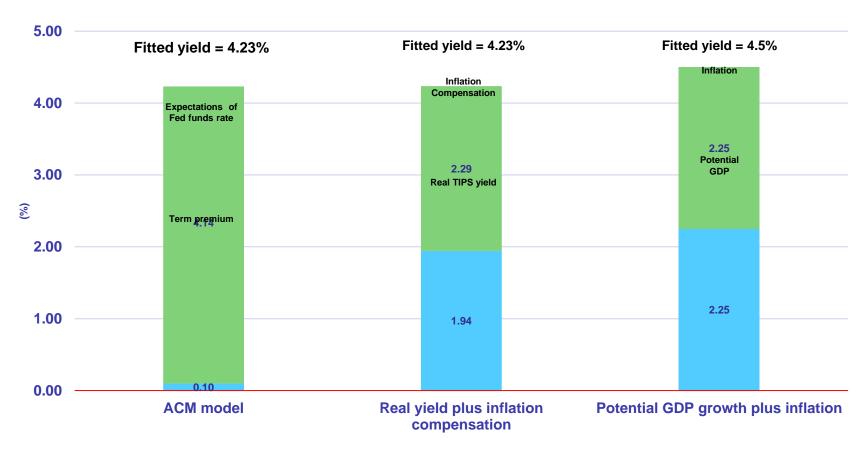


Source: Bloomberg; RSM US LLP



Estimating term premium: Three models

Estimating the appropriate yield for 10-year Treasury bonds



Source: Bloomberg; RSM US LLP calculations

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Today's yield curve and what we might expect as the Fed funds rate moves toward a terminal rate of 3.5%

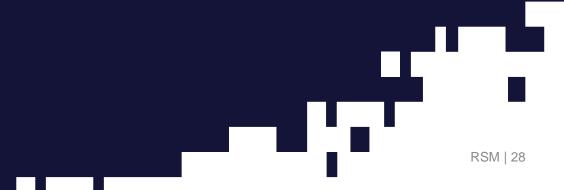
The slope of today's Treasury yield curve (%) compared to what we might expect when the Fed funds rate reaches 3.5%





Corporate bond market

- 2024 will end as a banner year for issuance of corporate debt
- Foreign and domestic investors continue to find corporate debt attractive





Long-term decline in credit spreads

U.S. corporate yield spreads (basis points)



Source: Bloomberg; RSM US LLP



2024 looks to be a banner year for corporate issuance

Issuance of U.S. corporate debt and increase from prior year (US\$ trillions)



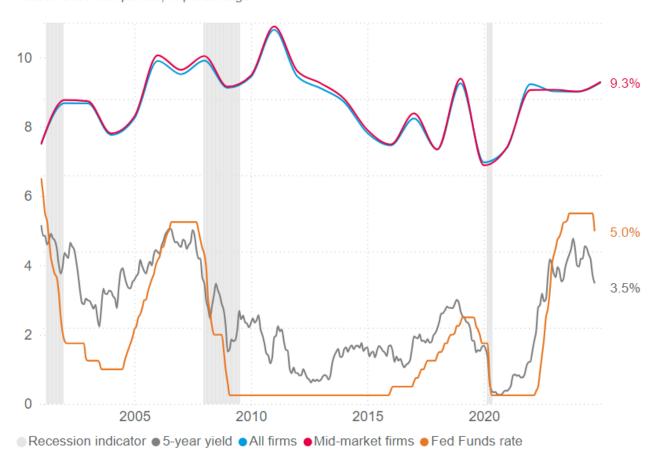
Source: SIFMA; RSM US LLP



Middle Market Weighted Average Cost of Capital

Weighted average cost of capital

Russell 3000 companies, in percentage



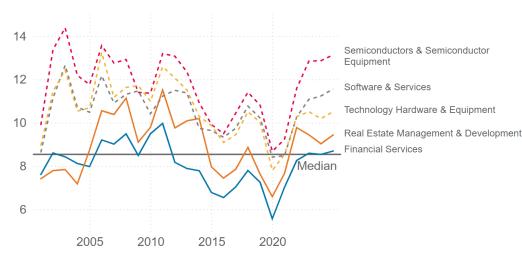
Source: Bloomberg, RSM US



Middle Market Weighted Average Cost of Capitals

Weighted average cost of capital, middle market

Russell 3000 companies with revenue from \$1 to \$10 billions; in percentage



Note: The median line indicates the median level for all industries. Source: Bloomberg, RSM US

Changes in weighted average cost of capital, middle market

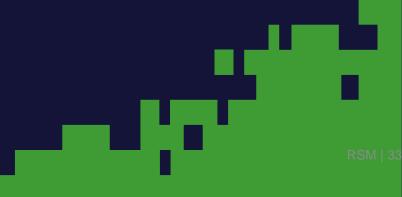
Russell 3000 companies with revenue from \$1 to \$10 billions

Rank	Industry	Pct change 16-24	Pct change 20-24	Pct point change 16-24	Pct point change 20-24
1	Semiconductors & Semiconductor Equipment	25.77%	42.29%	2.69	3.90
2	Financial Services	23.47%	23.89%	1.65	1.68
3	Real Estate Management & Development	20.16%	23.19%	1.58	1.78
4	Health Care Equipment & Services	19.98%	23.42%	1.63	1.86
5	Utilities	19.80%	23.70%	1.12	1.30
6	Software & Services	18.56%	36.27%	1.81	3.08
7	Consumer Durables & Apparel	17.63%	0.64%	1.42	0.06
8	Telecommunication Services	16.20%	48.57%	1.10	2.57
9	Consumer Discretionary Distribution & Retail	15.06%	14.31%	1.17	1.12
10	Automobiles & Components	13.07%	20.46%	1.13	1.66
11	Media & Entertainment	11.98%	34.43%	0.99	2.37
12	Technology Hardware & Equipment	11.28%	23.27%	1.07	1.99
13	Consumer Services	9.16%	7.08%	0.71	0.56
14	Capital Goods	8.92%	20.79%	0.79	1.67
15	Banks	6.33%	11.24%	0.44	0.75
16	Transportation	6.18%	31.90%	0.50	2.09
17	Materials	6.03%	15.55%	0.51	1.20
18	Commercial & Professional Services	4.81%	18.36%	0.40	1.37
19	Household & Personal Products	3.21%	5.46%	0.24	0.41
20	Insurance	2.75%	3.57%	0.21	0.27
21	Food, Beverage & Tobacco	2.08%	19.56%	0.14	1.15
22	Pharmaceuticals, Biotechnology & Life Sciences	1.76%	43.08%	0.19	3.36
23	Energy	-3.94%	30.68%	-0.34	1.97
24	Consumer Staples Distribution & Retail	-6.75%	150.66%	-0.53	4.37
25	Equity Real Estate Investment Trusts (REITs)	-7.38%	17.29%	-0.61	1.13

Source: Bloomberg, RSM US

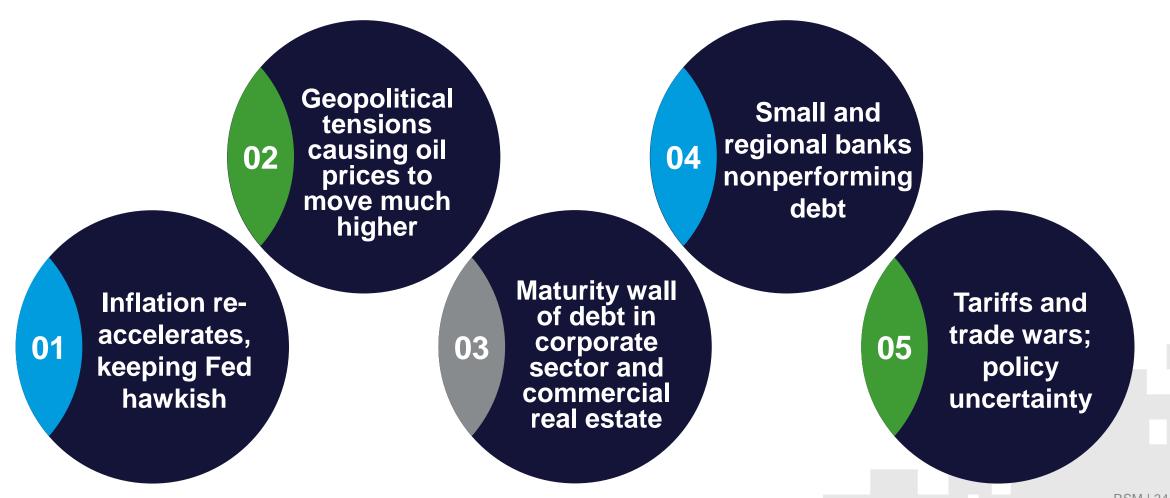


What could go wrong?





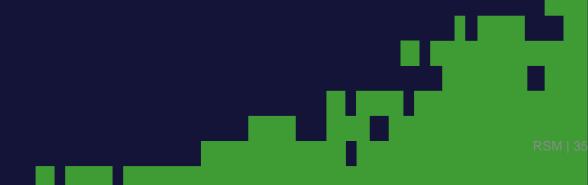
Negative risks to the outlook





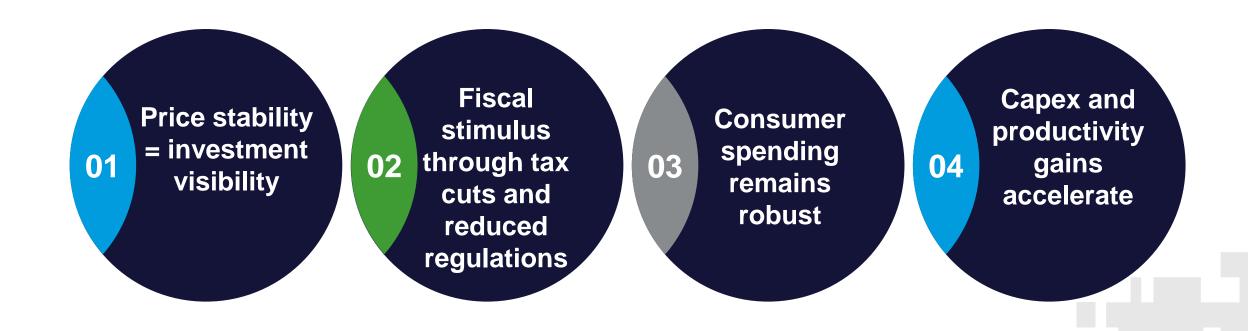
What could go right?

Take everything from 2009 to 2019 and turn it upside down





Positive risks to the outlook





Quarterly forecasts

	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	Avg.	Avg.	Avg.
Averages	2024	2024	2024	2024	2025	2025	2025	2025	2024	2025	2026
Real GDP SAAR%	1.4%		2.8%	2.5%	2.2%	2.5%	2.6%	2.7%	2.7%	2.5%	2.5%
Consumer Spending SAAR%	1.5%	2.9%	3.7%	2.8%	2.5%	2.7%	3.0%	3.2%	2.8%	3.0%	2.6%
PCE Price Index YOY%	2.6%	2.6%	2.3%	2.3%	2.2%	2.2%	2.2%	2.2%	2.4%	2.2%	2.2%
PCE Core Price Index YOY%	2.9%			2.5%	2.5%	2.4%	2.3%	2.3%	2.7%	2.4%	2.3%
Private Investment SAAR%	4.4%	7.5%	0.3%	1.5%	2.0%	2.5%	3.0%	3.7%	1.7%	2.5%	2.5%
Unemployment Rate	3.8%			4.2%	4.3%	4.2%	4.1%	4.1%	4.2%	4.2%	4.0%
Avg Monthly Payrolls (,000)	267		185	120	120	120	120	120	140	120	
CPI (Year-Over-Year Ago %)	3.3%		2.6%	2.3%	2.3%	2.3%	2.3%		2.7%	2.3%	2.3%
Industrial Production YoY%	-0.5%		-0.4%	1.00%					0.50%		
Fed. Fund Rate, upper bound	5.5%	5.5%	5.0%	4.5%	4.25%	4.0%	3.75%	3.5%			
10-year Note	4.20%	4.40%	3.8%	4.4%	4.5%	4.5%	4.5%	4.5%	4.1%	4.5%	4.5%

*Red indicated actual data RSM | 37