

## Economic Outlook:

### The Fed's Ongoing Dilemma: Taming Inflation vs. Ensuring Recession

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# STIFEL

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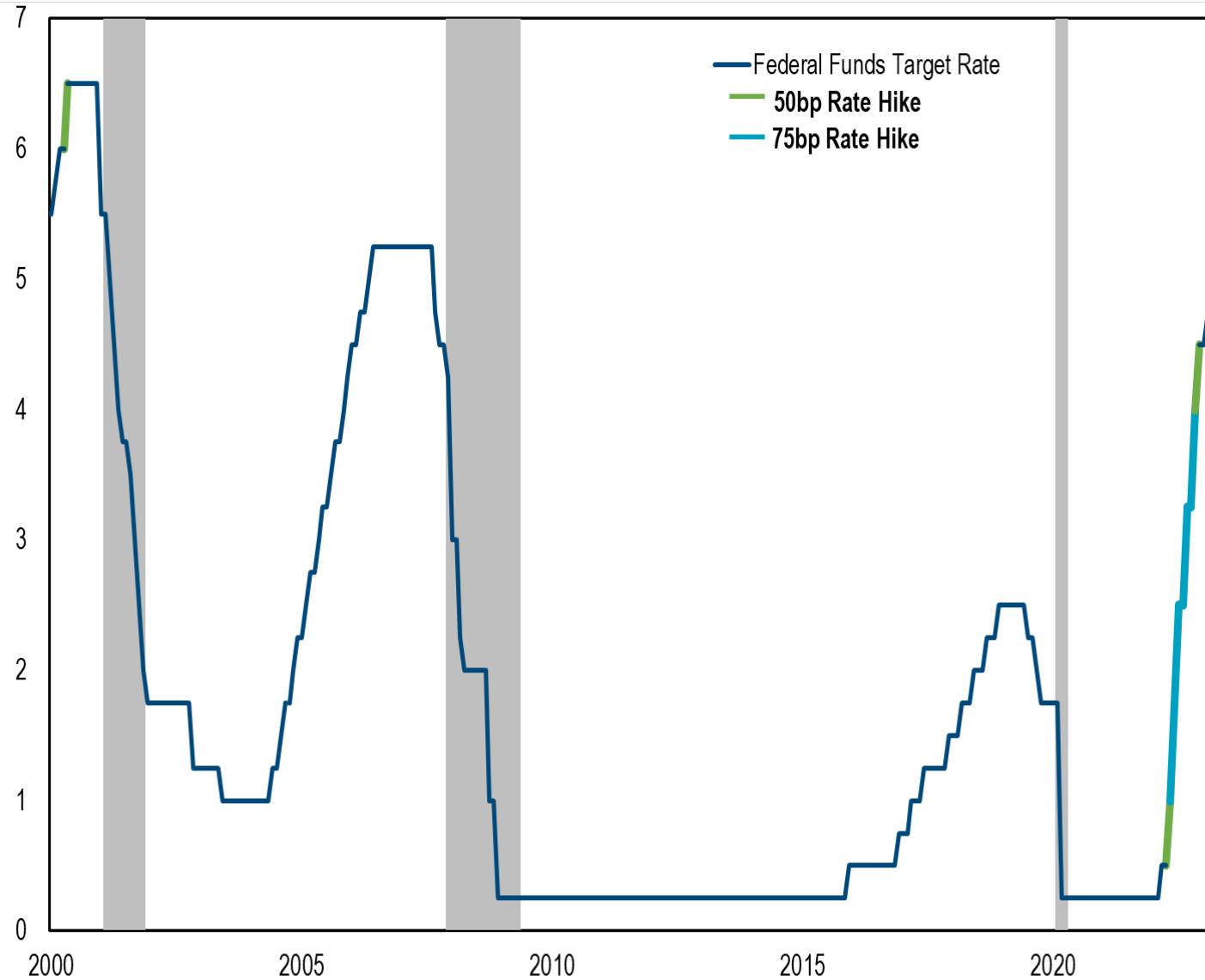
## Rate Expectations Materially Increased

In March of last year the Fed took a decisively more hawkish position

The Fed raised rates 450bps since March: **25bps** in March, **50bps** in May, **75bps** in June, July, September & November, **50bps** in December, & 25bps in February 2023, reaching **4.50%-4.75%**

The Fed's expected rate pathway has markedly increased with inflation still *"too-high"*

In December, the SEP showed expectations for **5.1%** in 2023 with rates declining to **4.1%** in 2024



Source: Federal Reserve Board

*“Recent indicators point to **modest growth in spending and production. Job gains have been robust** in recent months, and the unemployment rate has remained low. **Inflation has eased somewhat but remains elevated.**”*

*“The Committee anticipates that **ongoing increases in the target range will be appropriate** in order to attain a stance of monetary policy that is sufficiently restrictive to return inflation to 2 percent over time. In determining the extent of future increases in the target range, **the Committee will take into account the cumulative tightening of monetary policy, the lags** with which monetary policy affects economic activity and inflation, and economic and financial developments.”*

- February 2, 2023 FOMC Statement

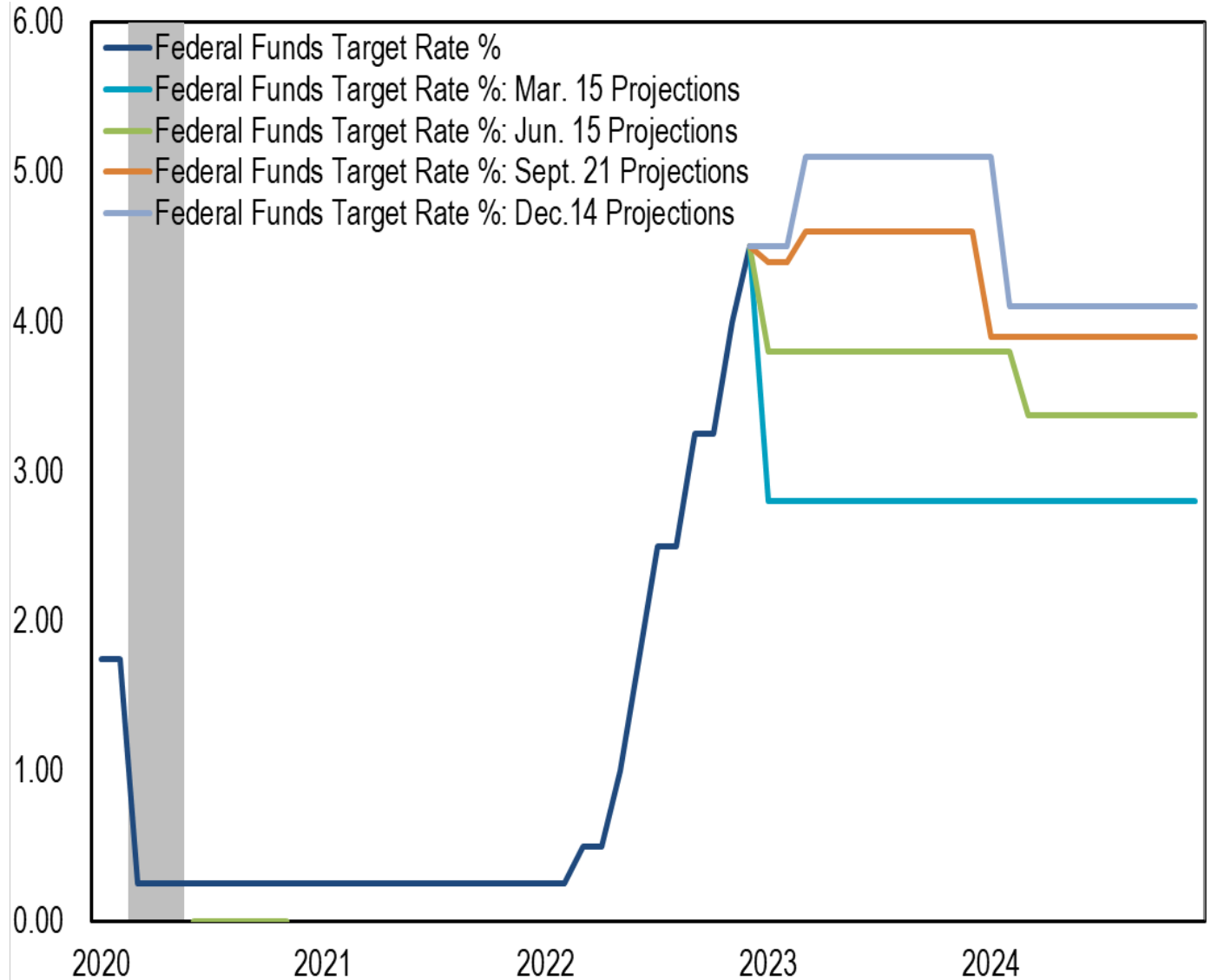
## Consistently Higher Fed Forecast for Terminal Rate

At the February press conference, Chairman Powell was clear that the risk isn't that the Fed overtightens but that they do too little to control inflation

The Committee revised up its forecast for rates by 230bps since the initial March forecast

With inflation stubbornly elevated, the Fed revised expectations higher – for both rates and inflation – a fourth time in the final SEP release of 2022

SEP	Terminal FF Rate	PCE
Mar. 15	2.8%	4.3%
Jun. 15	3.8%	5.2%
Sep. 21	4.6%	5.4%
Dec. 14	5.1%	5.6%



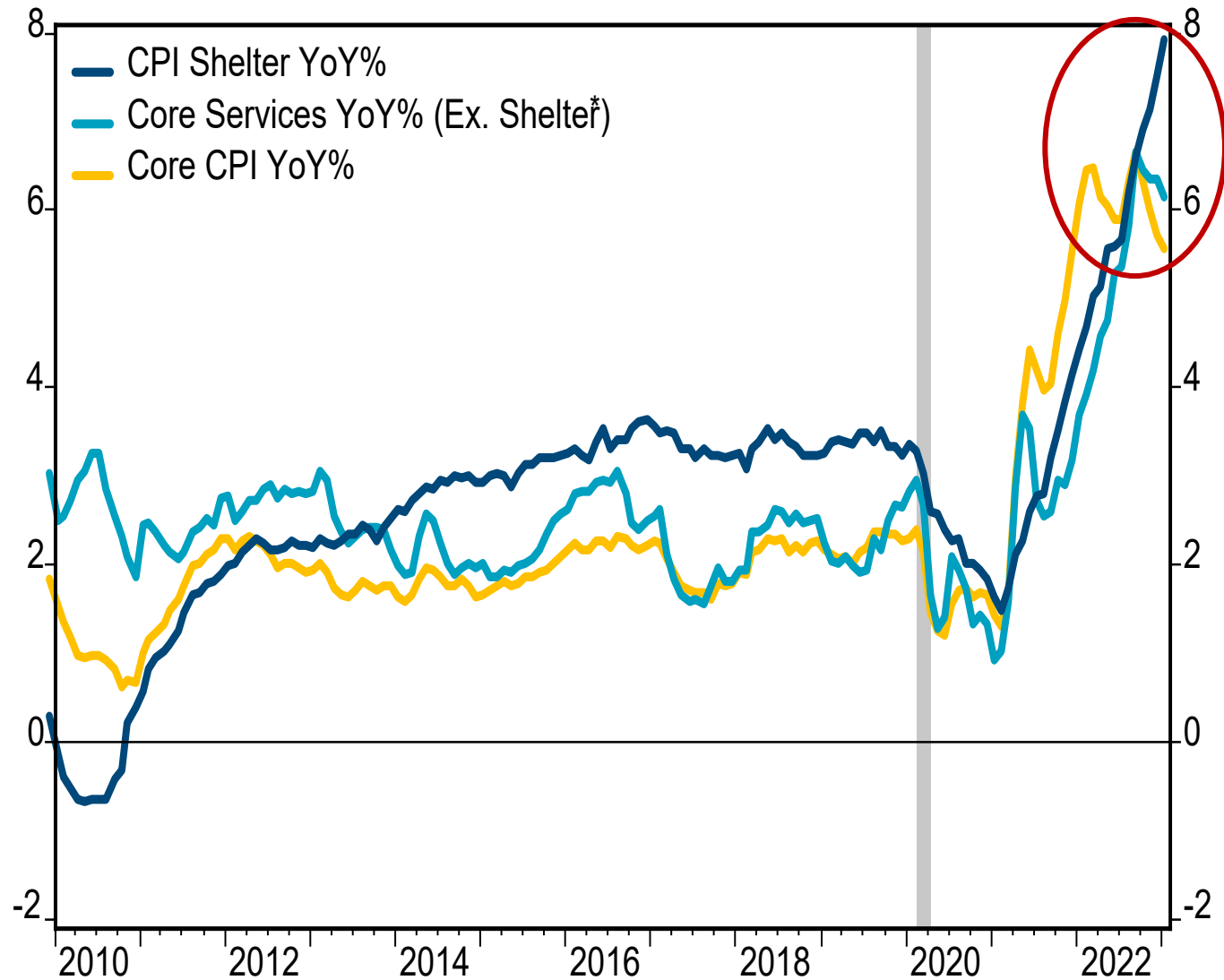
Source: Federal Reserve Board/Bloomberg

## Inflation Remains Elevated with Core Services Pushing Higher

The CPI rose 0.5% in January and rose **6.4%** over the past 12 months, down from the 6.5% annual increase reported in December

The core CPI rose 0.4% in January and **5.6%** year-over-year, down from the 5.7% annual gain in December

Core services excluding shelter, meanwhile, rose **6.1%** year-over-year in January, following a 6.3% annual increase in December



Source: Bureau of Labor Statistics/Haver Analytics

\*Core services inflation tracks healthcare, insurance, education, repairs, personal services, etc.

## 517k Payrolls Added in January

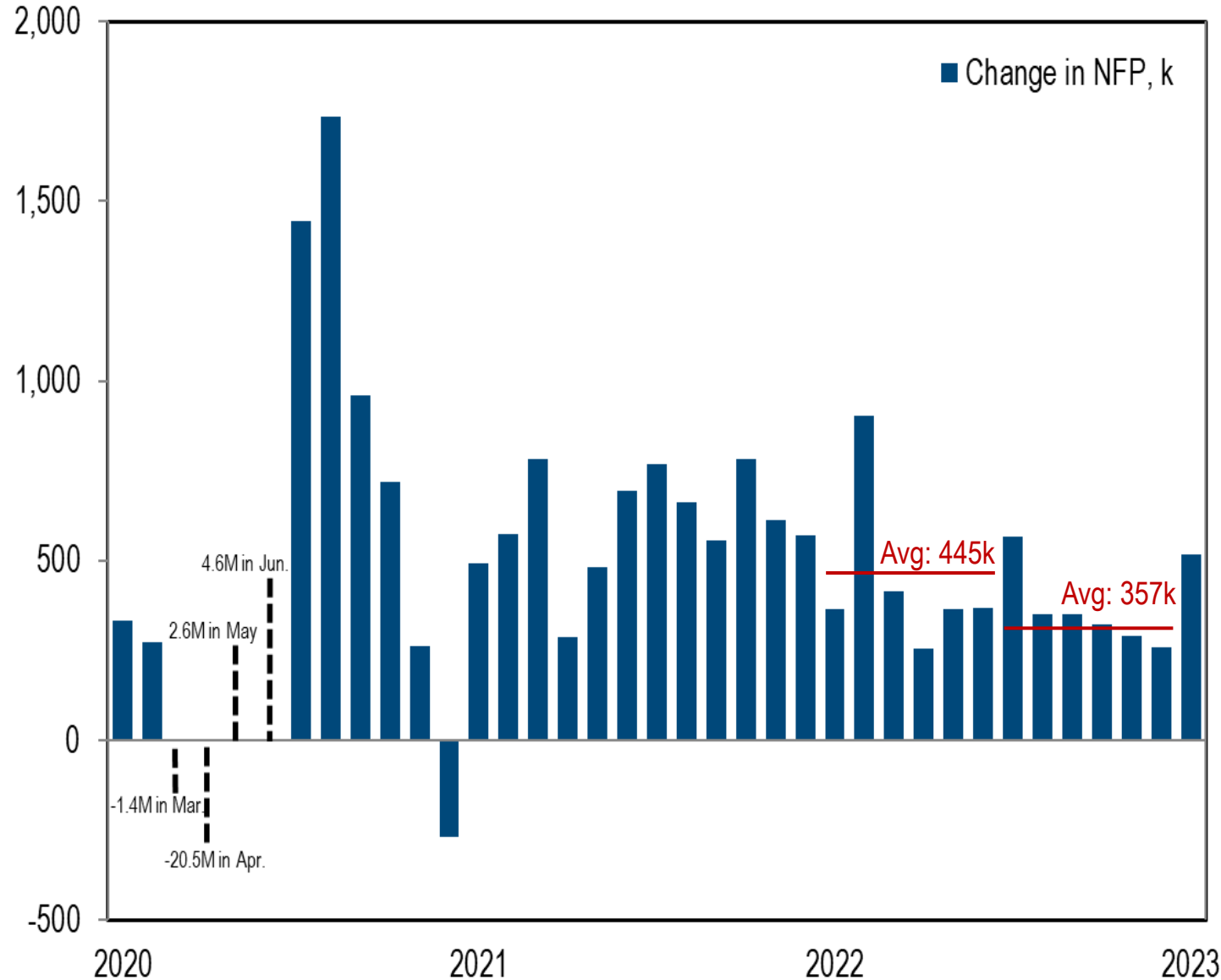
Other sectors of the economy are more clearly showing indications of waning momentum or slower growth, the labor market is not among them

Nonfarm payrolls jumped by **517k** in January, the strongest pace of job creation since July

With earlier revisions to previous months, the overall change (January data + net revisions) was 588k

Nonfarm payrolls fell 1.5M in March and 20.5M in April of 2020, the largest monthly decline on record

For the full year of 2022, U.S. employers added 4.8m jobs, the second-best year for job creation on record after 2021's 7.3m gain. Payrolls dropped 9.3m in 2020, the largest decline on record, and more than the combined decline in 2008 and 2009



Source: Bureau of Labor Statistics/Haver Analytics

## Average Hourly Earnings Remain Solid

As businesses search for workers, compensation is elevated, although the trend appears to be moderating as businesses struggle to absorb costs

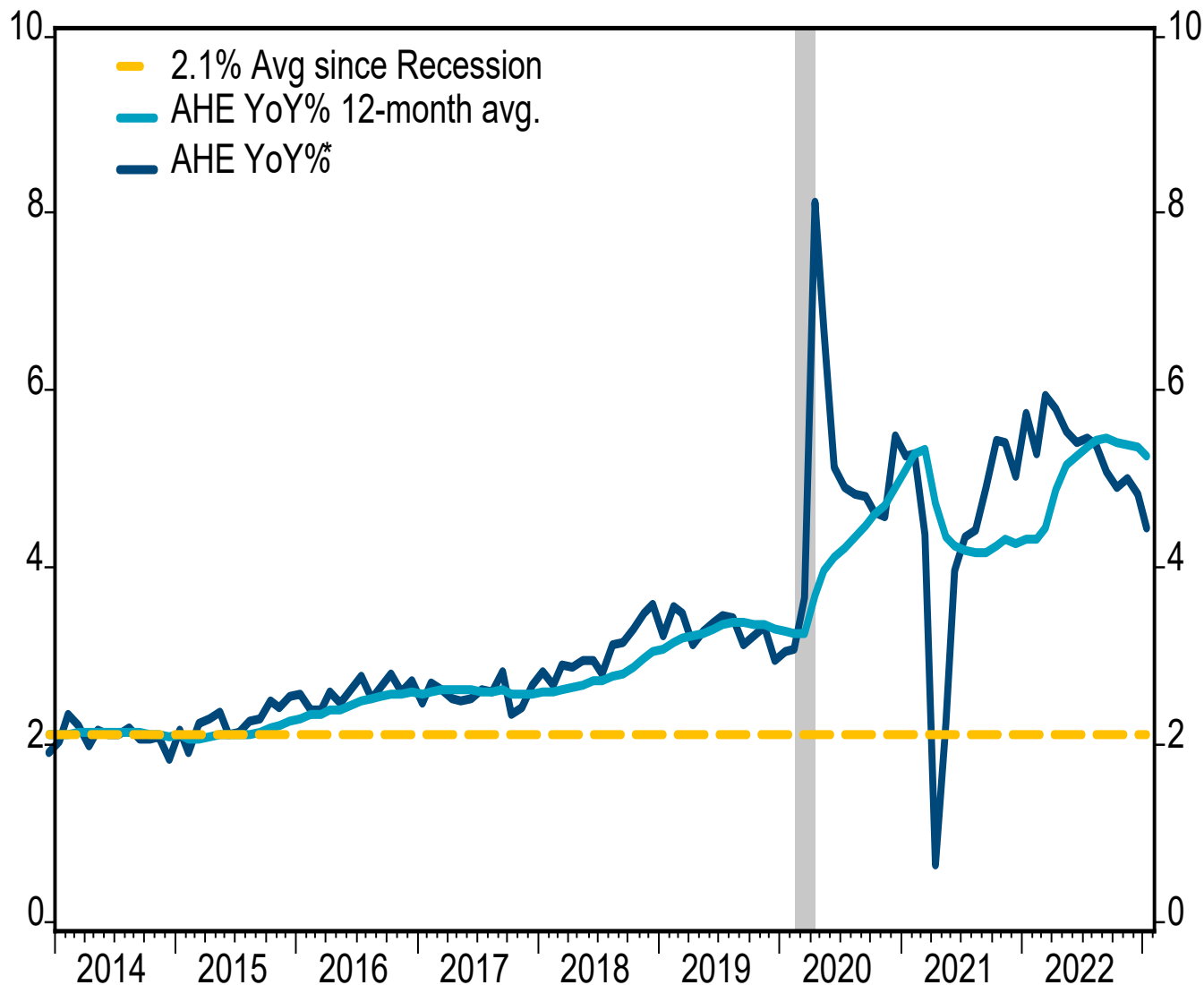
Average hourly earnings rose **0.3%** in January, following a 0.4% rise in December

Year-over-year, wages rose **4.4%** in January, down from the 4.8% increase in December and further below a recent peak of 8.2% in April 2020

Longer-term, businesses may turn to technology or close doors

For now, costs are likely to remain elevated as long as labor remains scarce

Average earnings increased early on during the pandemic as lower-wage workers dropped out of the workforce



Source: Bureau of Labor Statistics/Haver Analytics

\*Does not include government assistance

## Retail Sales Trending Lower

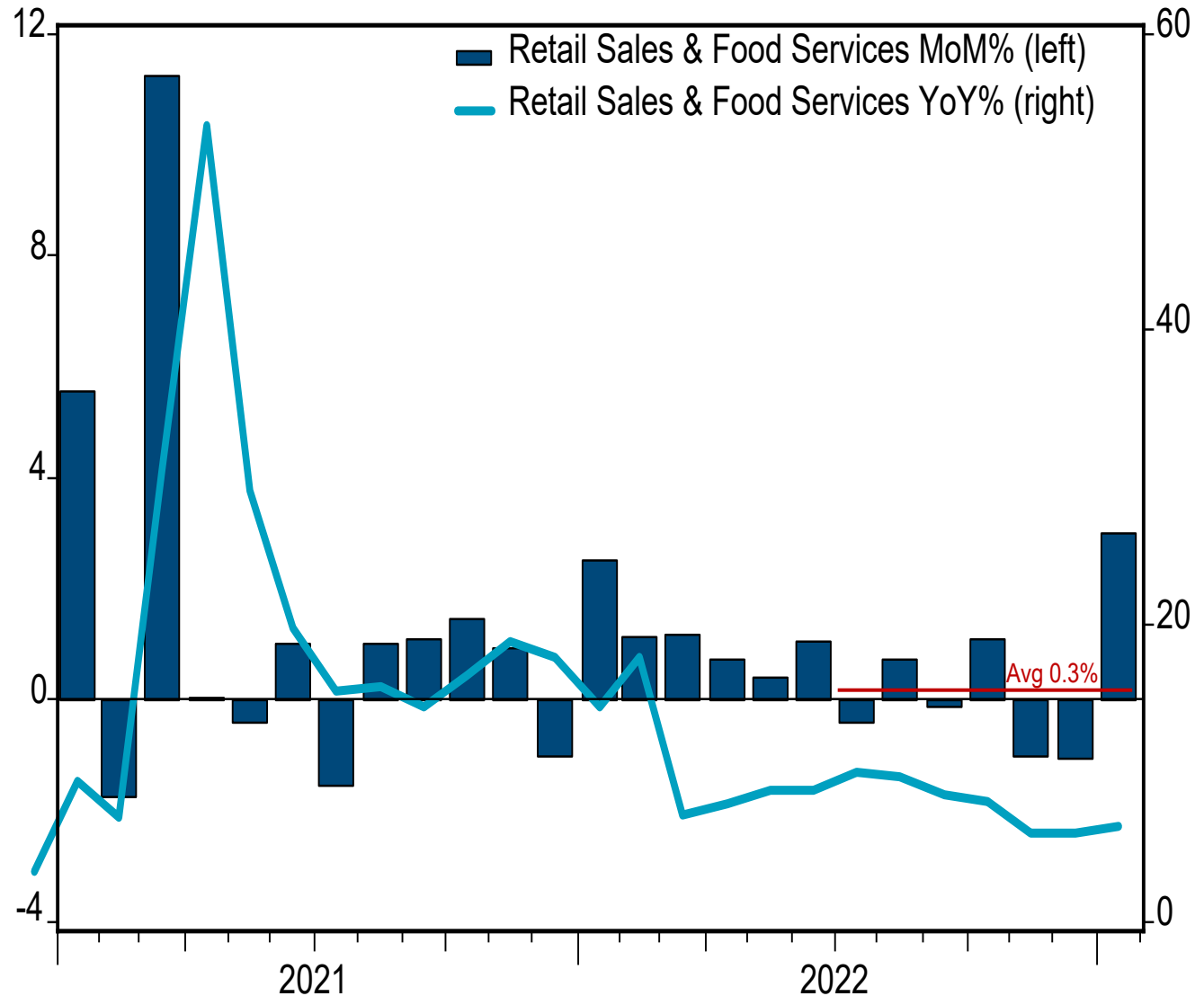
For some, the notion of a reduced or evaporated wealth cushion is causing an outright shift or reduction in spending habits

Trillions in savings and upward momentum in wages has helped consumers to weather different variants and to offset a loss of fiscal support, but inflation is complicating the picture

Large retailers report customers are cutting back as the balance sheet is becoming increasingly fragile amid rising costs and rates

Sales rose **3.0%** in January, following declines in November and December

Year-over-year, retail sales rose **6.4%** in January following a 5.9% gain in December



Source: Census Bureau/Haver Analytics



## U.S. Economy Showing Signs of Weakness

The Fed has vowed to raise rates enough to root out inflation but will it work?

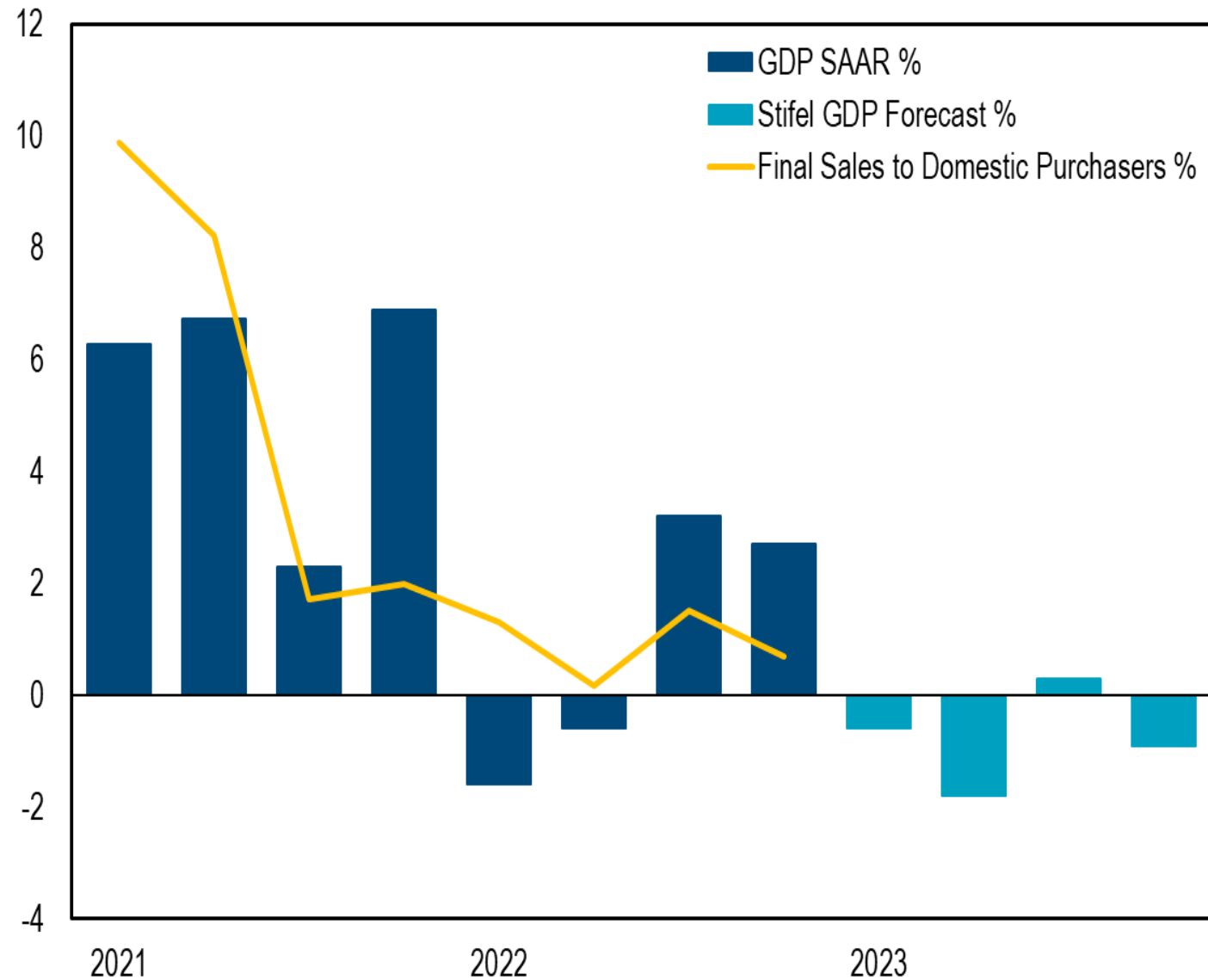
Typically, the Fed raises rates when the economy is overheating versus struggling to gain legs post-pandemic

The majority of price pressures stem from supply side constraints, limiting impact of Fed rate hikes

With an aggressive rate path, growth is likely to slow further into recession

GDP rose **2.7%** in Q4 2022, following a 3.2% rise in Q3

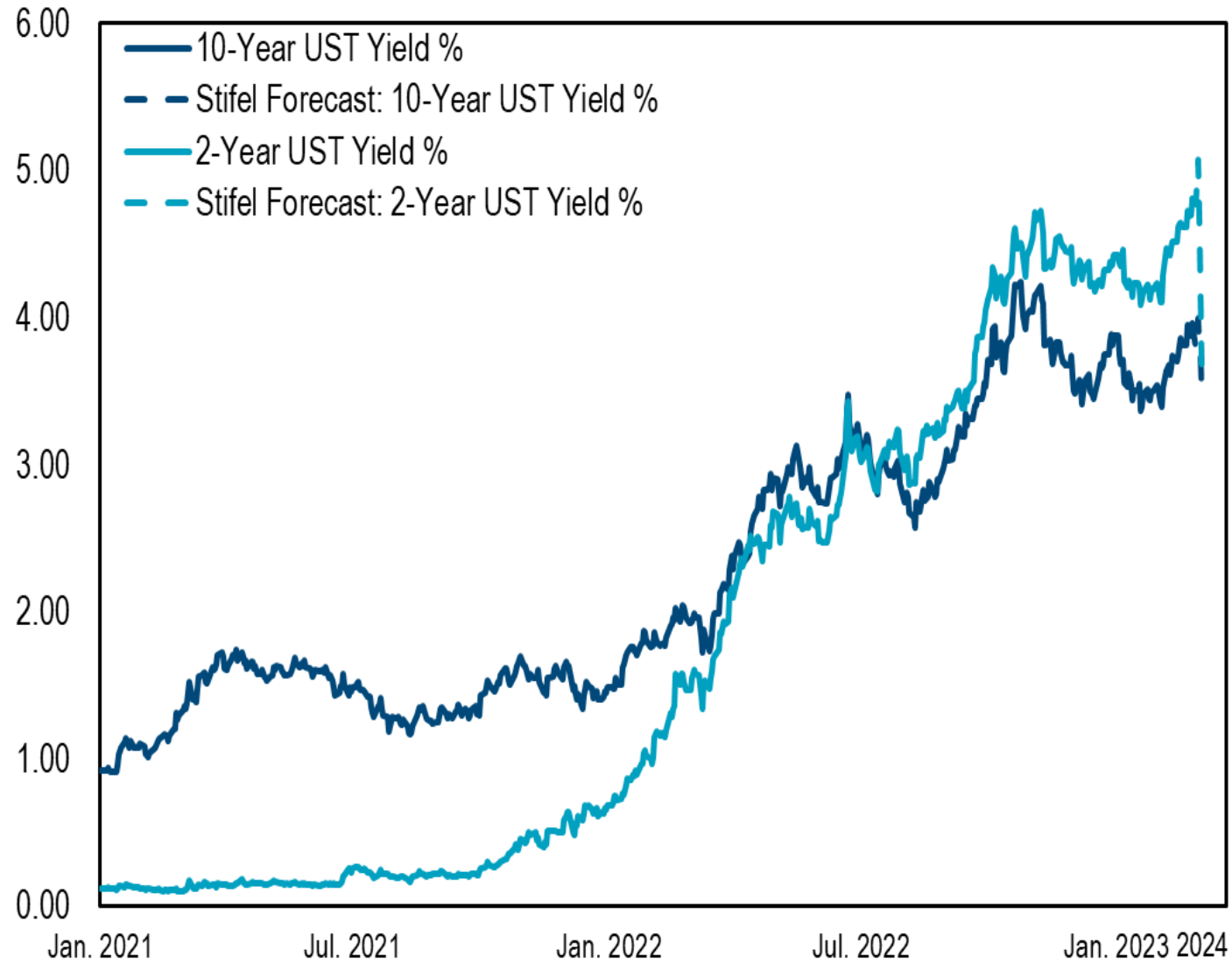
Excluding trade and inventories, final sales to domestic purchasers rose **0.7%**



Source: Bloomberg/Stifel

## What Does This Mean for Rates?

The short end of the curve will continue to move higher along with the Fed, while the long end will struggle to keep up with the Fed as policy intentionally tightens us into or further into a recession



Source: Bloomberg/Stifel

# Economic Forecast Grid

	Q2 2022	Q3 2022	Q4 2022	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Annual Rate		
										2022	2023	2024
<b>Growth indicators</b>												
GDP, QoQ %	-0.6%	3.2%	2.7%	-0.6%	-1.8%	0.3%	-0.9%	1.4%	1.8%	0.9%	-0.7%	1.6%
Consumer Spending, %	2.0%	2.3%	1.4%	-0.8%	0.1%	1.5%	1.2%	1.5%	1.6%	1.8%	0.5%	1.6%
Fixed Investment, %	-5.0%	-3.5%	-4.6%	-2.5%	-1.3%	-0.8%	0.0%	0.5%	0.8%	-2.1%	-1.1%	0.7%
Housing Starts, k, end of quarter, yr end	1,575	1,465	1,382	1,350	1,300	1,475	1,525	1,585	1,630	1,382	1,525	1,630
Unemployment Rate, %, qrt avg, yr end	4.8%	3.7%	3.8%	3.9%	4.4%	5.0%	5.2%	5.5%	5.6%	3.8%	5.2%	5.6%
Nonfarm Payrolls, k, qrt avg, ann avg	293	269	223	200	-100	-50	100	150	150	296	38	150
<b>Inflation indicators, YoY%, yr end</b>												
PCE	7.0%	6.3%	5.0%	4.6%	3.8%	3.6%	3.2%	3.0%	2.8%	5.0%	3.2%	2.8%
Core PCE	5.0%	5.2%	4.4%	4.2%	4.0%	3.8%	3.5%	3.2%	3.2%	4.4%	3.5%	3.2%
PPI	11.2%	8.5%	6.2%	6.0%	5.0%	4.8%	4.2%	3.9%	3.2%	6.2%	4.2%	3.2%
<b>Interest rate, %, end of quarter, yr end</b>												
FF	1.75	3.25	4.50	5.00	5.50	6.00	6.00	5.50	5.50	4.50	6.00	5.50
3month UST bills	1.67	3.27	4.37	4.95	5.45	5.95	5.85	5.40	5.40	4.37	5.85	5.40
2yr UST notes	2.96	4.28	4.43	4.77	5.07	4.67	4.17	3.67	3.65	4.43	4.17	3.65
5yr UST notes	3.04	4.09	4.01	4.14	3.89	3.64	3.39	3.14	3.04	4.01	3.39	3.04
10yr UST notes	3.02	3.83	3.88	3.80	4.00	3.80	3.75	3.50	3.50	3.88	3.75	3.50
30yr UST bonds	3.19	3.78	3.97	3.90	4.05	3.85	3.70	3.65	3.40	3.97	3.70	3.40
3mon to 2s spread bps	129	101	6	-18	-38	-128	-168	-173	-175	6	-168	-175
3mon to 10s Spread bps	135	56	-50	-115	-145	-215	-210	-190	-190	-50	-210	-190
2s to 10s Spread bps	6	-45	-55	-97	-107	-87	-42	-17	-15	-55	-42	-15

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